

February 25, 2005

US Nuclear Regulatory Commission Region 1 Allendale Road King of Prussia, PA 19406

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ZU: 111

To Whom It May Concern:

63002448

We would like to transfer the following individuals to the Jersey Shore University Medical Center Radioactive Materials License number 29-02234-02. We wish to add the following authorized users of radioactive materials under 35.200. All have been listed previously on an NRC materials license.

Dr. Ahmad Salloum	29-30743-01	35.200
Dr. Ali Moosvi	29-30497-01	35.200
Dr. David Robbins	29-30763-01	35.200
Dr. George Birmingham	29-30410-01	35.200
Dr. John Checton	29-27910-01	35.200
Dr. John Clemente	29-30763-01	35.200
Dr. Maurice Weiss	29-30541-01	35.200
Dr. Michael Arron	29-30541-01	35.200
Dr. Rita Watson	29-27910-01	35.200
Dr. Tanveer Ahmad	29-30011-01	35.200
Dr. Thomas White	29-30743-01	35.200
Dr. Todd Cohen	29-30497-01	35.200
Dr. Vinesh Patel	29-30930-01	35.200

T. 732.775.5500 Meridian Health Line 1.800.560.9990 • www.meridianhealth.com 1945 State Route 33 • P.O. Box 397 • Neptune, NJ 07754-0397



MERIDIAN HEALTH: JERSEY SHORE UNIVERSITY MEDICAL CENTER . OCEAN MEDICAL CENTER . RIVERVIEW MEDICAL CENTER . PARTNER COMPANIES

We would like to add the following individuals by amendment. All are board certified by the Certification Board of Nuclear Cardiology within the past seven years. Documentation confirming their certification is enclosed.

Dr. Roger Coletti Dr. Marc Colmer Dr. Steven Daniels Dr. Michael DeVita Dr. Donald Ferri Dr. Kenneth Harris Dr. Murat Karatepe Dr. Marcia Liu Dr. Charles Mattina Dr. Marek Mrzyglocki Dr. Jeffrey Osofsky Dr. Pascual Rodriquez

Additionally, we wish to remove Michael Caprio, M.S. and Praveen Dalmia, M.S. as Medical Physicist. We also wish to remove Nellie Huppert, M.D. as an Authorized User.

Thank you for your prompt attention to this request. If you require any additional information, please contact Marie Wood, Corporate Director of Diagnostic Imaging at (732)776-4398.

Thank you very much for your prompt attention to this request.

Sincerely,

Steven Littleson President

NUV 20, LOOV(2007, 10101	
NRG TORM 374 U.S. NUCLEAR REGULATOR	PAGEOFPAGES
MATERIALS	LICENSE
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy R of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 38, 3 herotofore made by the licensee, a license is hereby issued authorizing source, and special nuclear material designated below; to use such m deliver or transfer such material to persons authorized to receive it in ac shall be deemed to contain the conditions specified in Section 183 of applicable rules, regulations, and orders of the Nuclear Regulatory Con below.	9, 40, and 70, and in reliance on statements and representations g the licensee to receive, acquire, possess, and transfer byproduct, aterial for the purpose(s) and at the place(s) designated below; to cordance with the regulations of the applicable Part(s). This license the Atomic Energy Act of 1954, as amended, and is subject to all
License	
1. Atlantic Cardiology, L.L.C. 2. 1900 Corlies Avenue, Suite 3	3. License number 29-30925-01
2. 1900 Corlies Avenue, Suite 3	4. Expiration date July 31, 2014
Neptune, New Jersey 07753	5. Docket No. 03036605
14 C	Reference No.
 Byproduct, source, and/or special nuclear material A. Any byproduct material A. Any byproduct material A. Any byproduct material A. Any byproduct material 	A. As needed
9. Authorized use: A. Any imaging and localization study permitted by no	CFR 35 200.
CONDI	TIONS
10. Licensed material may be used or stored only at the Suite 3, Neptune, New Jersey.	
11. The Radiation Safety Officer for this license is Keni	neth B. Harris, M.D.
12. Licensed material is only authorized for use by, or u	under the supervision of:
A. Individuals permitted to work as an authorized	user in accordance with 10 CFR 35.13 and 35.14.
B. The following individuals are authorized users	
Authorized Users	Material and Use
Kenneth B. Harris, M.D.	35.200

J74A	U.S. NUCLEAR REGULATORY CON	RMISSION PAGE 2 of 2 s License Number 29-30925-01
	MATERIALS LICENSE SUPPLEMENTARY SHEET	Docket or Reference Number 03036605
material to c decommissi 14. The licensed 10 CFR Par 15. Except as s accordance any enclosu be submitted licensee's al The U.S. Nu representati than the reg	quantities below the minimum limit spe- oning financial assurance. a is authorized to transport licensed mini- t 71, "Packaging and Transportation of pecifically provided otherwise in this lice with the statements, representations, res, listed below. This license condition d in accordance with the regulations. billity to make changes to the radiation iclear Regulatory Commission's regulatons, ons, and procedures in the licensee's	cense, the licensee shall conduct its program in and procedures contained in the documents, inclu on applies only to those procedures that are require Additionally, this license condition does not limit th protection program as provided for in 10 CFR 35.1 application and correspondence are more restriction
	For	r the U.S. Nuclear Regulatory Commission
Date July	y 28, 2004 By	Andra Juliel Sandra Gabriel Nuclear Materials Safety Branch 1
		Region I King of Prussia, Pennsylvania 19406

NRC FORM 374	R REGULATORY COMMISSION	OF PAG
Duplicate • MAT	edunatioente D	uplicate
Pursuant to the Alomic Energy Act of 1954, as amended, th	he Energy Reorganization Act of 1974 (Public L	ew 93-438), and Tite 10, Co
of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 3 heretofore made by the loonsee, a license is hereby issued		
source, and special nuclear material designated below; to	use such material for the purpose(s) and at the	place(s) designated below
deliver or transfer such material to persons authorized to rec shall be deemed to contain the conditions specified in Sec		
applicable rules, regulations, and orders of the Nuclear Reg below.	julatory Commission now or hereafter in effect	and to any conditions specif
Licensee		
Licainaa		
1. American Heart Center	3. License number 29-30930-()1
- T	RREA	
2. 1300 Highway 35, Plaza II, Suite 1021 Ocean, NJ 07712	-40,	0011
2. 1300 Highway 35, Plaza II, Sune 1027	4. Expiration date October 31, 6. Docket No. 030,266822	2014
	Reference No.	
(/) \$\%	the second secon	
6. Byproduct, source, and/or special	ical and/or physical forms	m amount that licensee may at any one time under this
A. Any byproduct material	A. AS nee	ded
permitted by 10 CFR 35.100		
B. Any byproduct material permitted by 10 CFR 35.200	B. As net	ded
9. Authorized use: A. Any uptake, dilution and excretion study pe	ermitted by 10 CFR 36, 100.	
B. Any imaging and localization study permit	ed by 10 CFR 35 200.	
· · · · · · · · · · · · · · · · · · ·		
	CONDITIONS	
 Licensed material may be used or stored of Building C, Ocean, New Jersey. 	only at the licensee's facilities located a	it 1400 Highway 35,
11. The Radiation Safety Officer for this licens	e is Vinesh Patel, M.D.	
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AMERICAN HEART CENTER PC

NRC FORM 374A	U.S. NUCLEAR REGUL	ATORY COMMISSIO	ON PAGE 2 of 2 PAGES
Dupl	ICATE B MATERIALS LICENSE SUPPLEMENTARY SHEET	Duplic	License Number 2230930-01 Duplicate Docket or Reference Number 030-36622
A. Individua B. The folk	wing individuals are author	authorized user	r in accordance with 10 CFR 35.13 and 35.14.
<u>Au</u> Vin	horized Users esh Patel, M.D.		aterial and Use 5.100; 55,200
naterial to q decommissio	unities below the minimum pring financial assurance.	n o, the acense n limit specified i	in 10 CFR 30.35(d) for establishing
16 Eveent on on	ecifically provided otherwise with the statements state es, listed below. This feer in accordance with the state lity to make changes of clear Regulatop Commission ons, and proceeding in the li	Here	I is apportance with the provisions of inactive Material. The licensee shall conduct its program in recedures contained in the documents, including plue only actionse procedures that are required to phally, the license condition does not limit the stor program as provided for in 10 CFR 35.26. shall povern unless the statements, attoniand correspondence are more restrictive
A. Applicat	ion dated May 5, 2004	* * *	
		For the U	J.S. Nuclear Regulatory Commission
Date Octo	ober 8, 2004	_ By _ Po M	Priginal signed by Penny Lanzisera Penny Lanzisera Nedical Branch Division of Nuclear Materials Safety
Dup	licate •	Dupli¢	Division of Nuclear Materials Safety Legipp J (Ing of Prussia, Pennsylvania (19406 at C

<u>11117-1</u> 5-2004 12:55		r.427.03
MC FURM ST4	J.S. NUCLEAR REGULATORY COMMISSION	PAGEOFPAGES Amendment No. 5
/ Duplicate	- MATERIALS NICENSE	Duplicate
	emended, the Energy Reorganization Act of 197	4 (Public Law 83-438), and Thile 10, Code
l of Endored Recydeficers, Chanter I, Parts 30, 3	31, 32, 83, 34, 35, 36, 39, 40, 800 /U, 800 M /C	SENCE OIL SERVERING ILS AND ISPICACIUS/CITE
bemplote mark by the licensee a license is it	eneby liqued authorizing the licensee to receive.	accuire, possess, and naminer pyproduct, }
wourse and special nuclear material designat	ed below; to use such material for the purpose(s) Eug at aid brace(s) daeifinated palow, in
deliver or transfer such material to persons aut	horizad to receive it in accordance with the regula actied in Section 183 of the Atomic Energy Act	nons of the application manual. This aconse
shell be deemed to contain the continuous spe	sched in Section 103 of the Atomic Energy Acc Nuclear Regulatory Commission now or hereaft	er in affect and to any conditions specified
below.		· · ·
Licensee	In accordance with	the application dated
	July 23, 2002,	
 1. Brick Cardiovascular Specialists, P		9-30410-01 is amended in
	R Fife entirety to read	
	EALT	
	A. S. License number 21 S. Diocket No. 0303	
2. 525 Jack Martin Boulevard	4. Expiration daily.Se	ptember 30, 2012
Brick, New Jersey 08724	5. Docket No. 03034	1530
с <u>ь</u>	Reference No.	~~
4		-
6. Byproduct, source, and/or spacial	The temical and or abysical with a	. Matimum amount that licensee may
nuclear material		possess at any one time under this
		higense
A. Any byproduct material	CAT MINY TRUCCING	A. Asinceded
Identified in 10 CFR 35.200	The defined in 10 CFR 35.200 4	548
15.2	A second generators and gas-	
		<u></u>
9. Authorized use:		****
A. Any cardiac imaging and localiz	ation procedure approved in 10 CFR 35	200
	CONDITIONS	
10 licensed material mark har		
Boulevard, Brick, New Jersey.	or stored only at the licensee's facilities	located at 525 Jack Martin
article und, blick, iten celeby.		
11. Licensed material is only author	rized for use by, or under the supervision	n of:
A. Individuals permitted to wo	rk as an authorized user in accordance	with 10 CFR 35.13 and 35.14.
B. The following individuals as	re suthorized users for the materials and	
		i Asez Iudicaléd;
Authorized Users		
	Material and Use	
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• 			<u></u>		S. NUCLEAR REGULAT	ORY COMMISSION
NRC FORM 591N PART	1			V		
10 CFR 2.201	SAFETY INSPE	crio	REPORT	AND COMPLIANCE	INSPECTION	
				2. MRCHEGIONAL OFFICE	الله بدمي الذكرية في المالي المالي المالي الم	
1. LICENSEE/LOCATION IN Brick Cardiovascul	ar Soecialists. PA	•		U.S. Nuclear Regula	itory Commission	i
525 Jack Martin Bo	ulevard	•		Region I. 475 Allend	isle Road	
Brick, NJ 08724				King of Prussia, Per	msyivania 19405-14	15
		•	F	-		
REPORT NUMBER(S)	2004-001	2 1106	SEE NUMBER(S)	l	S. DATE(S) OF	ISPECTION
3. DOCKET NUMBER(S)			0410-01		April 6, 2004	[
030-34530		230				
LICENSEE		•	1			anan with the Muciety
The inspection was an ax	amination of the solivin	les condu	cted under your	license as they relate to radi f your license. The inspection	ation setury and to complete an an an angle and the complete and the compl	taminations of
Regulatory Communities (NHO) rules and regular failve records. Interview	kome sna Vs with Di	he conditions o	servations by the inspector.	The inspection findings a	es followe:
(-1	inspection Endings, no		1			
X 1. Based on the	andbeordor manadas un	ALCHERCLUS	WEIG RECTIONS.	•		
2. Previoue viol	ation(s) closed.					
3, The violation	(s), specifically describe	d to you (y the inspector (e non-cited violators, are not	being cited because they	were self-identified.
non-repetitive, a	nd comective action we	t or is bel	ig telian, and the	e remaining criterie in the NAC	Enforcement Policy, NUR	EG-1600, 10
Sheigise disores	ion, were satisfied.					
	Non-Clast Viciation(s)	washvere	discussed involv	ing the following requirement(s) and Corrective Accord	<u></u> ር
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A. During this is	rspection certain of you	activities	, as described b	elow and/or attached, were in v	Hoiston of NRC requirem	ints and are being
cited. This form	IS & NOTICE OF VIOU	TION. W	hich may be subj	ect to posting in accordance w	th 10 CFR 19.11.	
(Violetions	and Corrective Actions)	t				
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	Licensee	's State	ement of Corr	ective Actions for Item 4	, above.	
I hereby state that, within	30 devs. the actions de	an hadh	v and in the local	with the set of the second		s statement of
				2.201 (corrective steps skreed) response to NRC will be requir		
THe		nied Nen		response to race will be reque	od, uniosz specifically reg mature	vested.
LICENSEE'S						Date
REPRESENTATIVE						ļ
NRC INSPECTOR	Willie J. Lee	T		Willie y	1. 1.	4/6/04
NRC FORM SOIM PART 1	18-2003)				- and	TIOJUY
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MRC FORM 374A		GULATORY COMMISSION		PAGE 2	of 2 PAGES
Dupl	ICATE S MATERIALS LICENS SUPPLEMENTARY SHE	Buplica	License Number 29-30410-01 Docket or Reference Nur 03034530 Amendment No. 5	mber I	cate
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12. The Radiation	n Safety Officer for this I	icense is William Wo	jciechowski.		
material to qu	the possession limits in pantities below the minim inancial assurance for d	hum limit specified in	shall further restrict 10 CFR 30.35(d), (the possession 40.36(b), and "	on of licensed 70.25(d) for
14. The licensee 10 CFR Part	is authorized to transpo 71, "Packaging and Tra	n licensia material in Asportation of Radio	paccordance with t	he provisions	of
accordance w any enclosur provided in 1 statements, r restrictive that A. Application	eoifically provided diher with the statements, repr es, listed below, except 0 CFR 35.21. The U.S. representations, another an the regulations. ion dated July 23, 2002 ated September 121200	resentations, and pro for minor changes in Nuclear Regulatory (cedures contained the medical usera Commission's requires application and	in the docume diation safety lations shall go d corresponde	ents, including procedures as overn unless the
		For the U.	S. Nuclear Regulat	ory Commissi	on
Date <u>Sep</u>	tember 27, 2002	Ол Ву	iginal signed by J	·	
Dup	licate •	Nu	nes P. Dwyer clear Materials Saf ision of Nuclear Ma ision a ision a i ision a ision a i i i i i i i i i i i i i i i i i i i	aterials Safety	çate
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NRC FORM 374 PAGE OF 3 PAGES Amendment No. 05 U.S. NUCLEAR REGULATORY COMMISSION MATERIALS LICENSE Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations. Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below. Licensee In accordance with the application dated March 19, 2003. 1. Cardiology Associates of Ocean County, P.A. 3. License number 29-30011-01 is amended in Suite 2 its entirely to read as follows: 2. 495 Jack Martin Boulevard 4. Expiration date May 31, 2013 Bricktown, New Jersey 08724 5. Docket No. 030-33046 Reference No. برخير 6. Byproduct, source, and/or special Chemical and/or physical form 8. Maximum amount that licensee may nuclear material possess at any one time under this license A. Any byproduct material As needed permitted by 10 CFR 35.100 B. Any byproduct material As needed permitted by 10 CFR 35.200 C. Sealed sources (North C. 250 millicuries per source and C. Any byproduct material permitted by 10 CFR 35.500 1000 millicuries total American Scientific Model MFD 3601) <u>9</u>. Authorized use: A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100. B. Any Imaging and localization study permitted by 10 CFR 35.200. C. Diagnostic medical use of sealed sources permitted by 10 CFR 35,500 in compatible devices registered pursuant to 10 CFR 30.32(g). CONDITIONS 10. Licensed material may be used or stored only at the licensee's facilities located at 495 Jack Martin Boulevard, Suite 2, Brick, New Jersey.

· ·NR	C FORN 374A	U.S. NUCLEAR REGULATORY CON	MISSION		PAGE	2	of	3	PAGES
		* 		License Number 29-30011-01					
		TERIALS LICENSE PPLEMENTARY SHEET		Docket or Reference Number 030-33046	8				
				Amendment No. 0	5	<u> </u>			<u> </u>
		······································			.				
11.	The Radiation Sai	fety Officer for this license is Tan	iveer At	mad, M.D.					
12.	Licensed material	is only authorized for use by, or	under t	he supervision of:					
	A. Individuals pe	ermitted to work as an authorized	user in	accordance with 10	CFR 3	5.13	and	35.1	14.
	B. The following	individuals are authorized users	for me	diçal use as indicate	d:				·
	Authoriz	ed Users	Mat	erial and Use					
		r Ahmad, M.D.		00; 35.200; 35.500					
				00, 00.200, 02,000					
13.	material to quantil	possession limits in Item 8, the lik lies below the minimum limit spec financial assurance						of lice	ensed
14.		thorized to transport licensed mand Transportation of Radioactive			e provis	ions	of 1	0 CI	FR Part
15.	accordance with any enclosures, I be submitted in a licensee's ability The U.S. Nuclear	cally provided otherwise in this li the statements, representations, isted below. This license conditi accordance with the regulations to make changes to the radiation r Regulatory Commission's regula and procedures in the licensee's ons.	And pro Addition i protect ations s	acădures contained i es only to those pro nally, this license con tion program as prov hall govern unless th	in the do cedures ndition o rided for ne state	thai loes in 1 meni	nenti ane not 0 Cl is,	s, ind req limit FR 3	uired to the 5.26.
	A. Application	dated March 19, 2003							
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NRC FORM 374A	U.S. NUCLEAR R	EGULATORY COMMISSION	2 License Number	PAGE 3	x 3	PAGE
	MATERIALS LICEN	SE	29-30011-01 Docket or Reference Number 030-33046			
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		For the U.S.	Nuclear Regulatory (Commission		
ate <u>May 9</u>	2003	Ву	illi f. f-			
ate <u>May 9</u>	2003	By Willie J. L Nuclear M Division o Region I	illi f. f-	h 1 afety		

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RC FORM STA	U.S. NUCLEAR REGULA	TORY COMMISSION PAGE 1 OF 2 PAGE Amendment No. 2
	MATERIAL	S LICENSE
f Federal Regulations, Chapter I. Parts eretofore made by the licensee, a license ource, and special nuclear material desi eliver or transfer such material to person hall be deemed to contain the condition	30, 31, 32, 33, 34, 35, 36 e is hereby issued authori ignated below; to use such is authorized to receive it in is specified in Section 183	y Reorganization Act of 1974 (Public Law 93-438), and Title 10. Co 3, 39, 40, and 70, and in reliance on statements and representatio zing the licensee to receive, acquire, possess, and transfer byprodu in material for the purpose(s) and at the place(s) designated below; accordance with the regulations of the applicable Part(s). This licen to f the Atomic Energy Act of 1954, as amended, and is subject to Commission now or hereafter in effect and to any conditions specifi
Licensee		In accordance with the letter dated
		December 28, 2002,
. Coastal Cardiovascular Consu	itants, P.A.	3. License number 29-30743-01 is amended in its
		entirety to read as follows:
2. 459 Jack Martin Blvd.		4. Expiration date August 31, 2012
Brick, New Jersey 08724		5. Docket No. 030+36052
·	· ·	Reference No.
 A. Any byproduct material permitted by 10 CFR 35.200 9. Authorized use: A. Any imaging and localization 		icense A. As needed 10 CFR 35 200.
	used or stored only a	NDITIONS I the licensee's facilities located at 459 Jack Martin
Boulevard, Brick, New Jers 11. Licensed material is only a	•	or under the europuision of
-	- .	red user in accordance with 10 CFR 35.13 and 35.14.
		ers for medical use as indicated:
Authorized Usen	<u>5</u>	Material and Use
THEMES M. WH	D.D.C.	35.200
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							Lioense Numbo 29-30743-						
							Dochet or Refer 030-36052		r				
					2.		Amendme	nt No. 2				<u>.</u>	···
12.	The	Radiatic	on Safety	Officer f	or this license	is Thomas I	M. White, D.C).					
13.	mate	erial to c	o the pos Juantities oning fina	below th	imits in Item 8 e minimum lin surance.	, the license nit specified i	e shall further in 10 CFR 30	r restrict t .35(d) for	he pos establi	sess shin	ion (g	of lic	ense
14.	The 10 C	license FR Par	e is autho t 71, "Pa	rized to i kaging a	ransport licen Ind Transporta	seo material ation of Ràdi	in accordanc oactive Mater	≫ with the rial."	e provis	ions	sof		
15.	acco any be s	ordance enclosu	with the ires, liste	statemeri 1 below.	d otherwise in its, representa This license c ith the regulat	itions, and p condition app	rocedures co blies only to th	ntained ir nose proc	n the do ædures	cum that	nents are	s, inc requ	uired
	The repr	nsee's a U.S. Ni resentati	bility to n uclear Re	ake chai gulatory i procedu	nges to the rad Commission's res in the licer	diation prote regulations	ction program shall govern (n as provi unless the	ided for e stater	in 1 neol	0 Cl ts,	FR 3	5.26
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	The repr thar A.	U.S. No osentation the reg Applica	bility to n uclear Re ions, and julations. ation rece	iake chai gulatory procedu ived June	nges to the rad Commission's res in the licer	diation prote regulations	ction program shall govern (n as provi unless the	ided for e stater	in 1 neol	0 Cl ts,	FR 3	5.26
Da	The repr thar A. B.	nsee's a U.S. No esentation the reg Applica Letter o	bility to n uclear Re ions, and julations. ation rece	iake chai gulatory procedu ived Juni gust 25, 2	nges to the rad Commission's res in the licer	For the	ction program shall govern (Regulato	ided for e stater ence an ry Com	mise ch 1	o Cl ts, ore n	FR 3	5.26

NRC FORM 374	U.S. NUCLEAR REGULATORY COMMISSION	PAGE <u>1</u> OF <u>2</u> PAGES Amendment No. 1
	MATERIALS LICENSE	
of Federal Regulations, Cha heretofore made by the licen source, and special nuclear i deliver or transfer such mater shall be deemed to contain t	gy Act of 1954, as amended, the Energy Reorganization Act of 19 opter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in re see, a license is hereby issued authorizing the licensee to receive, material designated below; to use such material for the purpose(rial to persons authorized to receive it in accordance with the regula the conditions specified in Section 183 of the Atomic Energy Act , and orders of the Nuclear Regulatory Commission now or hereat	ellance on statements and representations acquire, possess, and transfer byproduct, s) and at the place(s) designated below; to ations of the applicable Part(s). This license of 1954, as amended, and is subject to all

Licensee	In accordance with the letter dated
	February 10, 2004,
1. The Heart Center	3. License number 29-30763-01 is amended in
1. The Heart Center 2. 117 US Highway 35	ts entirety to read as follows:
2. 117 US Highway 35	4. Expiration die October 31, 2012
Eatontown, New Jersey 07724	5. Docket No. 03065098
	Reference No.
6. Byproduct, source, and/or special nuclear material	8. Reximum amount that licensee may presses at any one time under this ticense
A. Any byproduct material permitted by 10 CFR 35 200	A. To needed
9. Authorized use:	5
A. Any imaging and localization bady permitted by	R 35.200. 0
× ×one	n chus
10. Licensed material may be used or stored only at the Eatontown, New Jersey and 2958 US Highway 35,	
11. Licensed material is only authorized for use by, or u	under the supervision of:

- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for the materials and uses indicated:

Authorized Users

Material and Use 35.200 35.200

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NRC FORM 374A	U.S. NUCLEAR REGULATORY COMMISSION		PAGE	2	of	2	PAGE
		License Number 29-30763-01		_			
	MATERIALS LICENSE SUPPLEMENTARY SHEET	Docket or Reference Number 03036098					
•		Amendment No. 1					

- 12. The Radiation Safety Officer for this license is John Clemente, M.D..
- 13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing financial assurance for decommissioning.
- 14. The licensee is authorized to transport license in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 15. Except as specifically provided otherwise in this license, the license shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, the license condition does not limit the licensee's ability to make changed to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Computations regulations strategies and correspondence are more restrictive than the regulations.

A. Application dated August B. Letter dated September 2 C. Letter dated Octobers

For the U.S. Nuclear Regulatory Commission

Michelle Beardsley/ Nuclear Materials Safety Branch 1 Division of Nuclear Materials Safety Region I King of Prussia, Pennsylvania 19406

64837486

Date

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March 9, 2004

By



The Heart Center PC

(Practice Limited to Cardiovascular Diseases)

117 Highmy #35 Eatontown, HJ 07724 (732) 389-0266 (732) 389-2284 Fax 1001 Eighway 89 Rowall, NJ 07731 (732) 761-8811 (732) 761-8310 Fax 2958 Highway 035 South Muxlet, NJ 07730 (732) 800-4445 (732) 800-4930 Max

September 16, 2004

J. Gordon Boak, M.D. Jersey Shore University Medical Center 1945 Corlies Ave (Rt 33) Neptune, NJ 07754

Attn: Felicia Via Facsimile 732-776-4472

As per your request enclosed is John S. Clemente, M.D's NRC License reflecting all physicians in our office who are qualified authorized users. In reference to the CBNC. Dr Clemente and Dr Robbins are scheduled to take the examinent month. The estimated 2000 Nuclear Stress test procedures completed outside of Jersey Shore University Medical Center for Dr Clemente is 1500. $+ \frac{1}{2}$ Rehhar ?

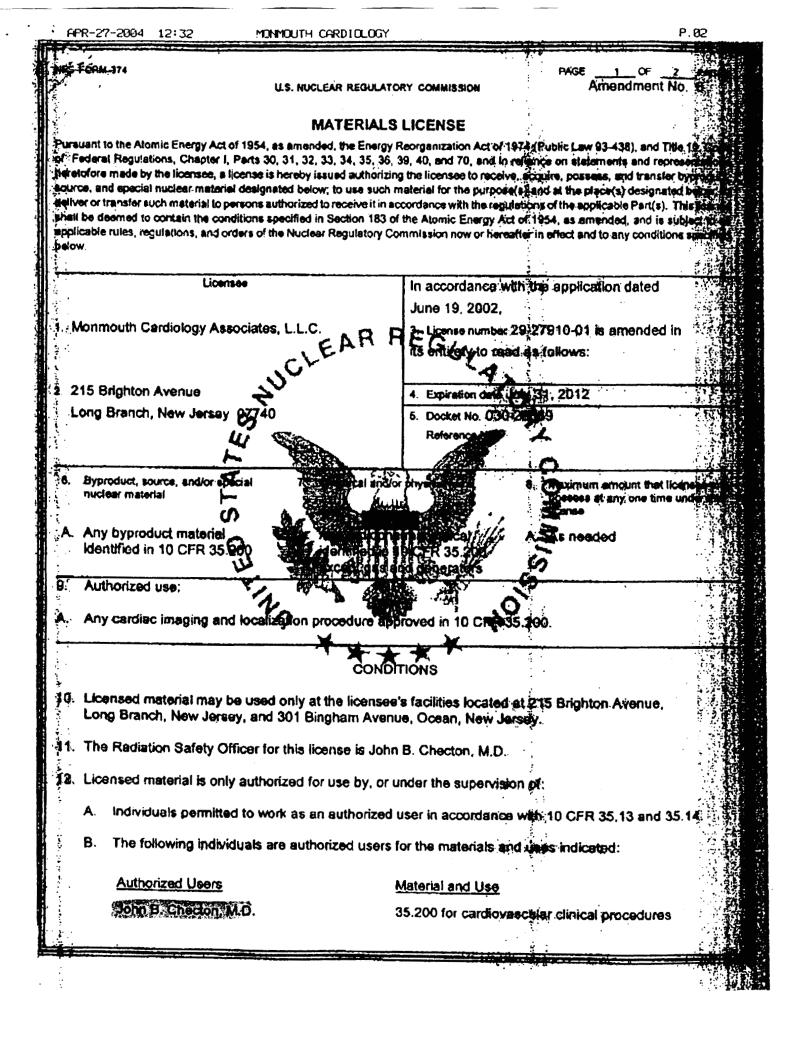
If there are any further questions or information that is needed, please do not hesitate to call me directly at 732-294-0200.

Sincerely. Brian J. Weis

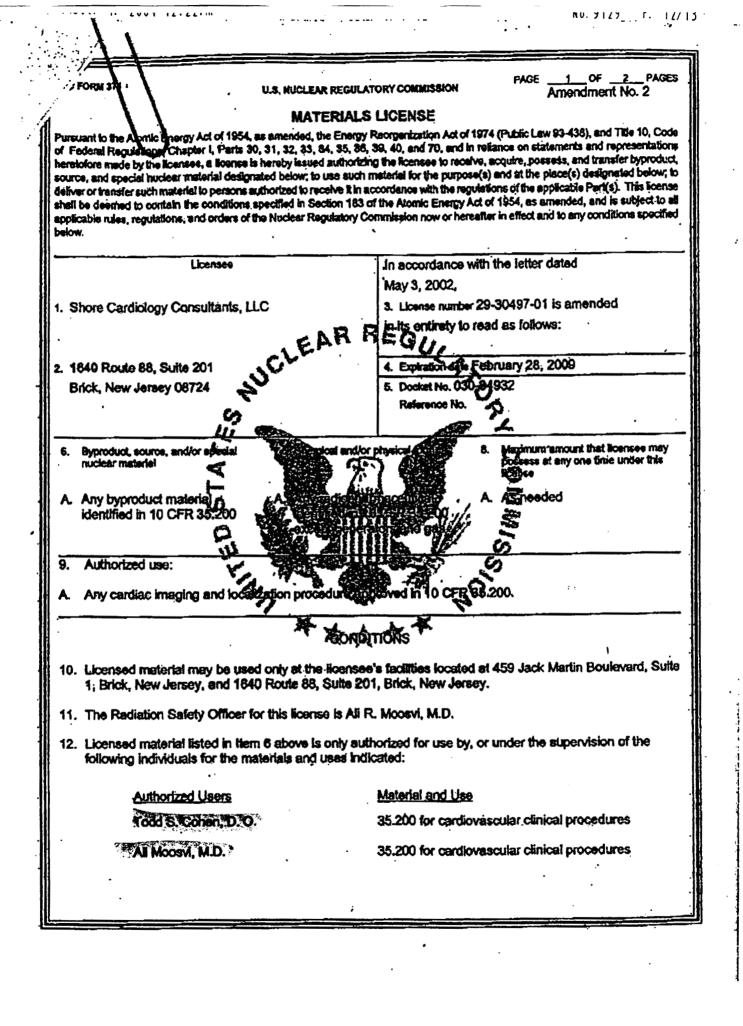
The Heart Center

Dr. Robbins 200 As per Susor

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	ATERIALS LICENSE		Dochet or Heletano	e Mamber		
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10 CFR Part 71,	Packaging and Trans	Dortation of Radi	ioactive Maturia	ee waa ane pi	0180015	01 10
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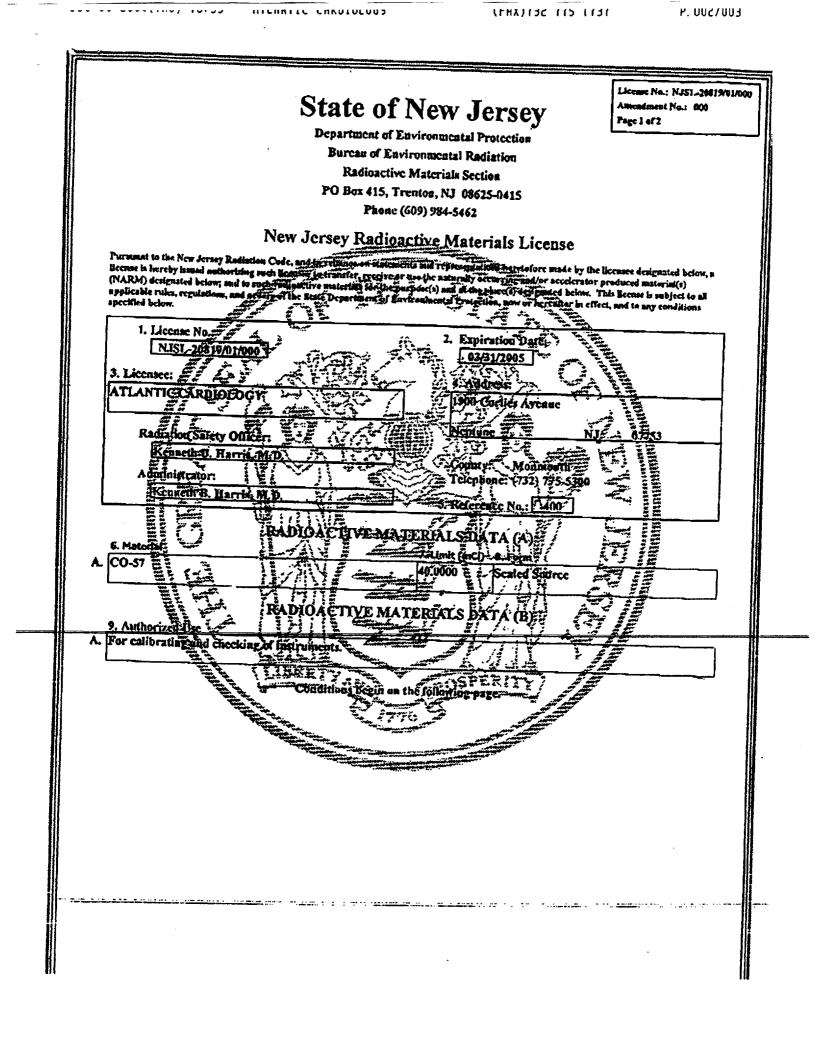
	U.S. NUCLEAR REGULATORY COMMISS	
	•	Ucenee Number 29-80497-01
	ATERIALS LICENSE IPPLEMENTARY SHEET	Doctast or Reference Number 030-34932
• •	•	Amendment No. 2
material to quart establishing fina	tities below the minimum limit specifie ncial assurance for decommissioning.	ee shall further restrict the possession of licensed d in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for
	authorized to transport licensed materi "Packaging and Transportation of Ra	al in accordance with the provisions of dioactive Material."
any enclosures, provided in 10 C the statements, i more restrictive i A. Application	isted below, except for minor changes FR 35.31. The U.S. Nuclear Regulato representations, and procedures in the than the trajulations.	E, the icensee shall conduct its program in processing contained in the documents, including in the metical use radiation safety procedures as in Commission e regulations shall govern unless a licensee's application and correspondence are
•	x .	
	For the	U.S. Nuclear Regulatory Commission
ateMay 31, 200		Original signed by Michelle Beardsley
	. •	Michelle Beardsley Nuclear Materials Safety Branch 1 Division of Nuclear Materials Safety Region I
<u>.</u>		King of Prussia, Pennsylvania 19406
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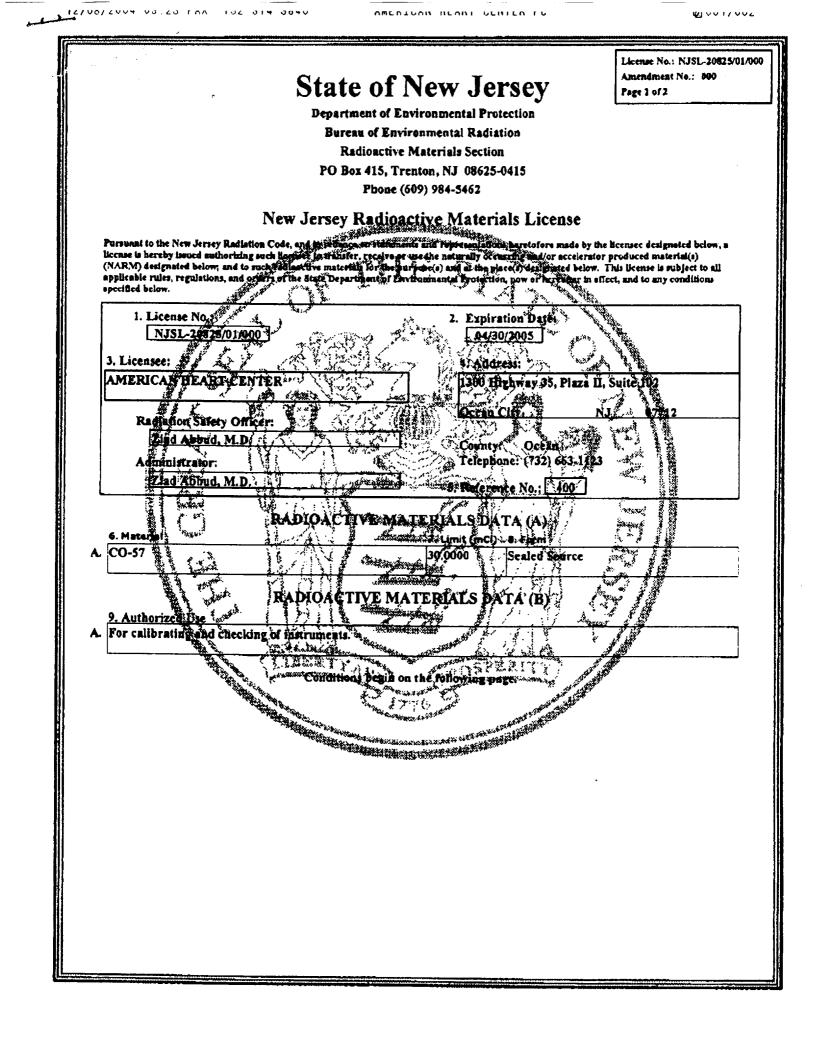
NRC FORM 374	U.S. NUCLEAR REGULATOR	Y COMMISSION	PAGE <u>1 OF 2</u> PAGE Amendment No. 1
	MATERIALS	LICENSE	
of Federal Regulations, Chapter I, Part heretofore made by the licensee, a licen source, and special nuclear material de deliver or transfer such material to perso shall be deemed to contain the condition	ts 30, 31, 32, 33, 34, 35, 36, 36 ise is hereby issued authorizing signated below; to use such ma ons authorized to receive it in acc ons specified in Section 183 of 1	9, 40, and 70, and in () the licensee to receive aterial for the purpose cordance with the regul the Atomic Energy Ac	974 (Public Law 93-438), and Title 10, Co reliance on statements and representatio a, acquire, possess, and transfer byprodu (s) and at the place(s) designated below; lations of the applicable Part(s). This licen t of 1954, as amended, and is subject to fiter in effect and to any conditions specifi
Licensee		In accordance w	th the letter dated
		February 25, 200	
1. Shore Heart Group		-	29-30541-01 is amended in its
· · · · · · · · · · · · · · · · · · ·	UCLEAR A	intirety to read a	
2. 1820 Corlies Avenue	NCT	4. Expiration date	lovember 30, 2009
Neptune, New Jersey 07753	<i>4</i>	5. Docket No. 030	3 255
ç)	Reference No.	P ,
4			
 A. Any byproduct material A permitted by 10 CFR 35 20 9. Authorized use: A. Any imaging and localization 		FR 35-200.	A. The needed
	* Kongi	TIONS K	
10. Licensed material may be Boulevard, Suite 9B, Brick	used or stored only at the	licensee's facilitie	
11. The Radiation Safety Offic	per for this license is Mich	ael R. Aaron, D.O.	
12. Licensed material is only a	authorized for use by, or u	Inder the supervis	ion of:
A. Individuals permitted	to work as an authorized	user in accordanc	e with 10 CFR 35.13 and 35.14.
	· · ·		
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29 04 01:26p SHORE HEART GROUP 7327768946 p.4

NRC FORM 374A U.S. NUCLEAR REGULATORY COMMISSION PAGE 2 of 2 F	
License Number	PAGES
29-30541-01	
MATERIALS LICENSE Docket or Reference Number SUPPLEMENTARY SHEET 030-35255	
Amendment No. 1	
B. The following individuals are authorized users for medical use as indicated:	
Authorized Users Material and Use	
Michael R. Aaron, D.O. 35.200	
Maurice D. Weiss, M.D. EAR REGU	
13. In addition to the possession limits in item 8, the licensee shall surther restrict the possession of licer material to quantities below the minimum limit specified in 10 CFR 3065(d), 40.36(b), and 70.25(d) establishing financial assurance for decommissioning.	nsed for
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging another provision of Radioactive Therial."	
15. Except as specifically provided other state this icense, the prosess shall conduct its program in accordance with the statements, receive ations, and proceedings contained in the documents, incluany enclosures, listed below. This licers condition applies by to those procedures that are require be submitted in accordance with the neuronance of the proceeding of the proceeding of the procedures that are required by the statement of the procedures that are required by the submitted in accordance with the neuronance of the procedures that are required by the submitted in accordance with the neuronance of the procedures that are required by the submitted in accordance with the neuronance of the procedures that are required by the statement of the procedures that are required by the submitted in accordance with the neuronance of the procedures that are required by the statement of the procedures and procedures that are required by the procedure of the procedure o	red to 19 .26.
A. Application dated October 19, 1999 B. Letter dated November 11, 1999	
For the U.S. Nuclear Regulatory Commission	
Date March 14, 2003	
Tara L. Weldner Nuclear Materials Safety Branch 1 Division of Nuclear Materials Safety	
Region I King of Prussia, Pennsylvania 19406	743673



				License Nu.: NJST_20819/01/000 Amendment No.: 800 Puge 2 of 2
		New Jersey Radioact	ive Materials Licensc	2
.0. R	adioactive material sha	ll only be used at 1900 Corlies Ave	nuc, Neptune, New Jersey.	
1, R B	adioactive material liste 3. Barris, M.D.	d in Conditions 6, 7, and 8 shall be	c used by or under the supervi	sion of the following: Keaneth
2. Li	icensed materials shall (not be used in our of human beidgs.		
3. TI 2	his license is based on the signed by Kenneth	× licensee's statements and repro	colations listed in the license	application dated June 1,
	دیکھ مرحک		Jerry Department of Ewviros	anental Protection Signature
	Date: 9 4 2 - 6 - 7		Mar 22	
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3/2004 US.24 FAX 132 314 3640 AMENIUAN NEART CENTER FU License No.: NJSL-20825/01/000 Amendment No.: 000 Page 2 of 2 New Jersey Radioactive Materials License 10. Radioactive material shall only be used at American Heart Center, 1400 Highway 35, Building "C", Ocean Township, New Jersey. 11. Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the supervision of the following: Ziad Radioactive material listed in Conditions of the state of 12. Licensed materials shall not be used in or on human beings cense application dated May 5, 13. This license is based on the licensee's statements and representations listed in 2004 signed by Ziad Abbus, M.D. **Ecotection Signature** ovironmentit Date: Aronments CINERIES COSPERITO

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| Stat                                                                                                                                                                                                                                                | e of N             | ew Jer                                      | sey                                           |                               | : No.; NJSL-20607/01/0<br>Intni No.: 007<br>of 4 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------|-----------------------------------------------|-------------------------------|--------------------------------------------------|
| Depar                                                                                                                                                                                                                                               | ment of Envi       | ronmental Prote                             | ection                                        |                               | · · · · · · · · · · · · · · · · · · ·            |
| Bur                                                                                                                                                                                                                                                 | eau of Enviro      | nmental Radiat                              | ion                                           |                               | :                                                |
| 1                                                                                                                                                                                                                                                   | adioactive M       | aterials Section                            |                                               |                               | . ÷                                              |
| POI                                                                                                                                                                                                                                                 | ox 415, Tren       | ton, NJ 08625-0                             | 415                                           |                               | •                                                |
|                                                                                                                                                                                                                                                     | Phone (60          | 9) 984-5462                                 |                                               |                               | •                                                |
| New Jersey                                                                                                                                                                                                                                          | Radioact           | ive Materia                                 | ls License                                    |                               |                                                  |
| ursuant to the New Jersey Radiation Code, and in rel<br>Reense is hereby issued authorizing such licensee to a<br>NARNI) designated below; and to such radioactive ma<br>pplicable rules, regulations, and orders of the State D<br>pecified below. | erials for the put | vec the naturally o<br>pose(s) and at the p | ccurring and/or acce<br>lace(s) designated be | lerator prod<br>low, This lic | uced material(s)<br>cape is subject to all       |
| 1. License No.:                                                                                                                                                                                                                                     |                    | 2. Expira                                   | tion Date:                                    |                               |                                                  |
| NJSL-20607/01/007                                                                                                                                                                                                                                   |                    |                                             | /2005                                         |                               | ÷                                                |
| 3. Licensee:                                                                                                                                                                                                                                        |                    | 4. Addr                                     |                                               |                               | · .                                              |
| BRICK CARDIOVASCULAR SPECIALIS                                                                                                                                                                                                                      | T PA               |                                             | k Martin Blvd.                                |                               | ·                                                |
| BRICK CARDIOVASCULAR SPECIALIS                                                                                                                                                                                                                      | , r.A.             | 223 980                                     | K Martin Dive.                                |                               |                                                  |
|                                                                                                                                                                                                                                                     |                    | Brick                                       |                                               | NJ                            | 08724-0000                                       |
| Radiation Safety Officer:<br>William Wojciechowski                                                                                                                                                                                                  |                    |                                             |                                               |                               | 1                                                |
|                                                                                                                                                                                                                                                     | <u>†</u>           | County                                      | : Ocean<br>one: (732) 840-64                  | 16                            |                                                  |
| Administrator:                                                                                                                                                                                                                                      | ļ                  | •                                           | · ·                                           | 40                            |                                                  |
| George D. Birmingham, M.D.                                                                                                                                                                                                                          |                    | 5. Refere                                   | nce No.: 400                                  |                               |                                                  |
| RADIOA                                                                                                                                                                                                                                              | TIVE MA            | <b>FERIALS DA</b>                           | TA (A)                                        |                               | 1                                                |
| 5. Material                                                                                                                                                                                                                                         |                    | 7. Limit (mCi)                              | 8. Form                                       |                               | •                                                |
| Any NARM included under Group U, Sec                                                                                                                                                                                                                | tion 4.7 of        | 100.0000                                    |                                               | maceutica                     | l included under                                 |
| NJAC 7:28-4.                                                                                                                                                                                                                                        |                    | i                                           | Group II. Secti                               |                               |                                                  |
| CO-57                                                                                                                                                                                                                                               |                    | 20.0000                                     | Sealed Source                                 |                               | •                                                |
| RADIOA<br>9. Authorized Use                                                                                                                                                                                                                         | CTIVE MA           | TERIALS D                                   | ATA (B)                                       |                               |                                                  |
| . Any diagnostic procedure under Group II                                                                                                                                                                                                           | DENJAC 7:28        | -4, Section 4.7                             |                                               |                               |                                                  |
|                                                                                                                                                                                                                                                     |                    |                                             |                                               |                               |                                                  |
| For calibrating and checking of instrument                                                                                                                                                                                                          | n <b>ts.</b>       |                                             |                                               |                               | :<br>;                                           |
| Cond                                                                                                                                                                                                                                                | litions begin o    | a the following g                           | age.                                          |                               | •<br>•<br>•                                      |
|                                                                                                                                                                                                                                                     | -                  |                                             |                                               |                               | •<br>•<br>•                                      |
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|                                                                                                                                                                                                                                                     | 1                  |                                             |                                               |                               | •                                                |

| License No.: NJSL-20607/01/007 |
|--------------------------------|
| Amendmint No.: 007             |
| Page 2 oli 4                   |

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## New Jersey Radioactive Materials License

10. Radioactive material shall only be used at 525 Jack Martin Blvd., Brick, New Jersey.

11. Radioactive material listed in Conditions 6, 7 and 8 that are used for cardiac imaging and function studies shall be used by George D. Birmingham, M.D.

12. Compliance with other U.S. Agencies having jurisdiction and regulations for radiopharmaceuticals must be maintained.

13. The licensee shall retain records of misadministrations in the use of the licensed radioactive materials. Misadministrations being defined as a radiopharmaceutical or radiation from a sealed source which is improperly used as follows:

A. Administration of the wrong radiopharmaceutical or sealed source.

B. Administration to the wrong patient.

C. Administration by a route other than that intended by the prescribing physician.

D. Administered diagnostic dose differing by more than 50 percent of the prescribed dose.

E. Administered therapeutic dose differing by more than 10 percent of the prescribed dose.

Records of misadministrations are to include the following information: name of the referring physician, description of the event, the effect on the patient and the action taken to prevent recurrence.

• :

. The licensee shall not open sealed sources containing radioactive material.

15. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months.

A. The test shall be capable of detecting the presence of 0.005 microcuries of removable radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surface of the device in which the sealed source is permanently mounted or stored.

B. If the test reveals the presence of 0.005 microcuries of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with the Department regulations. Within five days after obtaining results of the test, a report shall be filed with the Department describing the circumstances, the test results and the corrective action taken.

C. The sealed sources shall be tested for leakage and/or contamination by appropriately trained personnel.

16. Repair, initial leak tests and disposal of sealed sources containing radioactive material shall be performed only by the manufacturer or by other persons specifically licensed by New Jersey or the Federal Government to perform this service.

17. Radioactive material with a physical half life of less than 300 days may be disposed of as non-radioactive waste provided that (a) the radioactive waste is stored behind adequate shielding to meet the requirements of New Jersey Radiation Code 28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioisotope to be disposed of, (c) the radioactive waste is monitored with a GM meter prior to disposal to insure background levels, (d) all radiation labels are removed or obliterated and (e) a log shall be maintained to include the results of the radiation survey and date of disposal.

3. A survey of the administration area used for stress thallium studies shall be performed and documented on the day the test is done.

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| -        |                                                                    | ·····                                                                                                       | License No.: NJ5L-29607/01/007<br>Amendment No.: 007<br>Page 3 of 4 |
|----------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|          | New Jersey                                                         | Radioactive Materials License                                                                               |                                                                     |
| 19.      | The licensee shall make the following items avai                   | tilable to their staff:                                                                                     | ÷                                                                   |
|          | A. Copy of the New Jersey Radiation Protect                        | tion Code.                                                                                                  |                                                                     |
|          | B. Copy of the New Jersey State Radioactive                        | Material License.                                                                                           |                                                                     |
| 20.      | The licensee shall post the following items in a                   | n area frequented by employees engaged in the us                                                            | e of licensed materials:                                            |
|          | A. Notice to Employees - RPP-14.                                   | •                                                                                                           |                                                                     |
|          | B. Emergency procedures involving major,                           | pinor spills including the names and phone numb                                                             | ers of people to contact.                                           |
|          |                                                                    | For containers and equipment in which radiation<br>to conform to Subchapter 10 of the Code.                 | and/or radioactive                                                  |
| 21.      | The following tests shall be performed as a m                      | ningum:                                                                                                     |                                                                     |
|          | A. Surveys of:                                                     |                                                                                                             |                                                                     |
|          | 1. All radioactive materials received.                             |                                                                                                             |                                                                     |
|          | 2. All radioactive waste decayed to back                           | round levels prior to release.                                                                              | · · · · ·                                                           |
| r.<br>In | 3. Controlled areas, where licensed mate                           | rials are used on days they are used.                                                                       |                                                                     |
|          | 4. Uncontrolled areas, where licensed m                            | aterials are used on days they are used.                                                                    |                                                                     |
|          | 5. Personnel who handle radioactive ma                             | terials when radioactive materials are used.                                                                |                                                                     |
|          | B. Wipe tests of:                                                  |                                                                                                             |                                                                     |
|          | <ol> <li>Controlled areas, weekly, where unse<br/>used.</li> </ol> | led sources of licensed materials are used during                                                           | weeks the material is                                               |
| 22       | . The following records shall be maintained:                       |                                                                                                             |                                                                     |
|          |                                                                    | but not necessarily limited to date of receipt, rad<br>ervey, instrument used for surveys and surveyor's    |                                                                     |
|          |                                                                    | atients including but not necessarily limited to dat<br>stered, quantity, patient name, administrator's sig |                                                                     |
|          | C. Radioactive material disposals including                        | but not necessarily limited to:                                                                             |                                                                     |
|          | 1. Disposals to Vendor: nuclide, activit                           | y, vendor name, quantity, date of disposal                                                                  |                                                                     |
|          | 2. Disposal by Decay: Results of survey surveyor's initials.       | of the waste, date of survey, date of waste dispos                                                          | al, instrument used, and                                            |
| þr<br>hr | 3. Disposal to Sanitary Sewer: nuclide,                            | activity, volume of dilution waste per day, date o                                                          | (disposal                                                           |
|          | D. Survey instrument calibration performe                          | ed annually and after instrument repair.                                                                    |                                                                     |
|          |                                                                    |                                                                                                             |                                                                     |

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License No.: NJSL-20607/01/007 Amendment No.: 007 Page 4 of 4

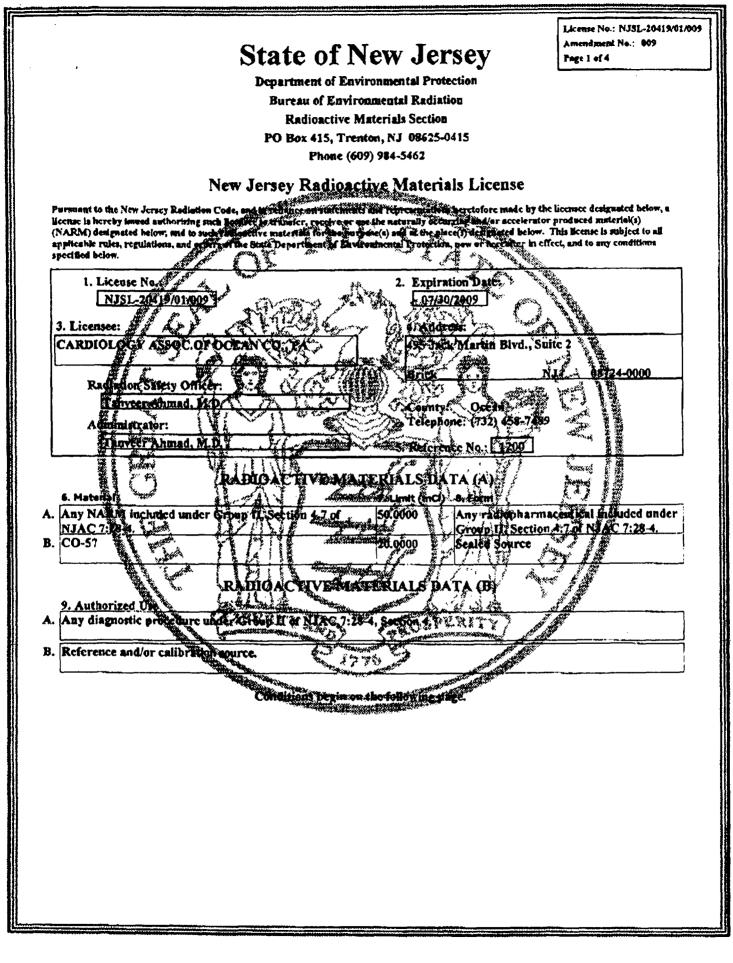
## New Jersey Radioactive Materials License

- E. Sealed source leak tests at intervals not to exceed six months. Results are to be reported in microcuries.
- F. Surveys performed in controlled and uncontrolled areas including but not necessarily limited to: test results in mR/hr, date performed, instrument used and surveyor's initials.
- G. Wipe tests performed in controlled areas including but not necessarily limited to: test results in dpm, date performed, instrument used and surveyor's initials.
- H. Personnel dosimetry records including but not necessarily limited to: name, social security number, and prior employment exposure history.
- I. Daily personnel monitoring results including but not necessarily limited to: instrument used, date performed and initials.
- 23. While utilizing radioactive material, personnel shall use protective equipment and clothing including but not necessarily limited to: syringe shields, remote handling equipment, adequate shielding, laboratory coats'and disposable gioves.
- 24. Eating, drinking, smoking and applying cosmetics shall not be permitted in controlled areas.
- 25. Except as specifically provided by this license, the licensee may possess and use radioactive material described in this license only in accordance with statements, representations and procedures contained in New Jersey Radioactive Materials License Renewal Certification dated March 23, 2000 signed by Bruce McFadden, CEO and letters dated May 24, 2000 and December 3, 2001. · . . . . · ·

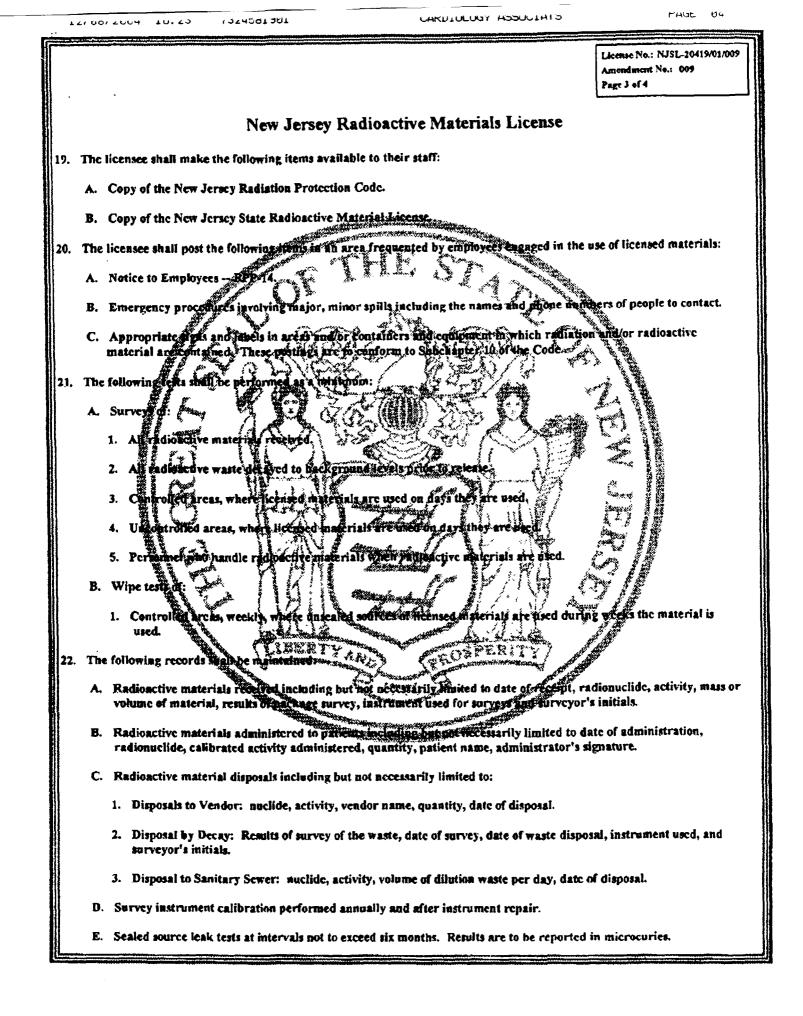
New Jersey Department of Environmental Protection Signature

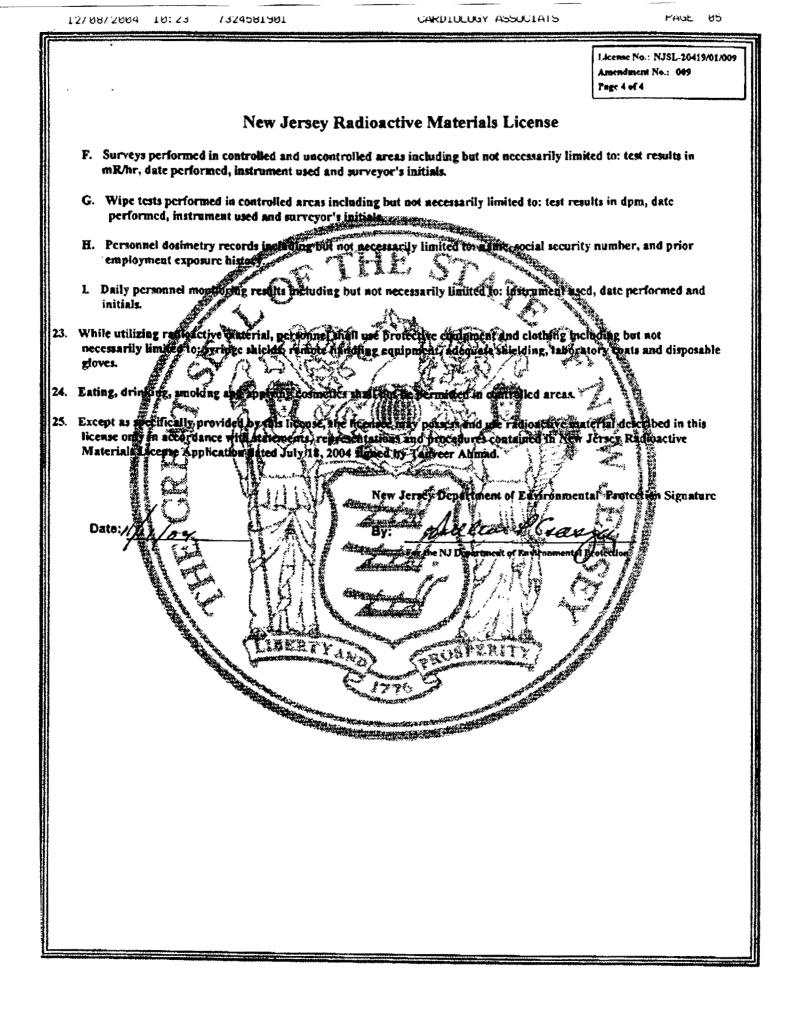
Date: Debrung 24, Det 2 By: John Dury

CARDIOLOGY ASSOCIATS



| 1           | 210012004 10:23 1324581301 CARDIULUGY ASSUCIATS                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PAGE 03                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| r           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | License No.: NJSL-20419/01/009<br>Amendment No.: 009<br>Page 2 of 4                         |
|             | New Jersey Radioactive Materials License                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |
| 10.         | Radioactive material shall only be used at 495 Jack Martin Blvd., Brick, New Jersey 08724.                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |
| 11,         | Radioactive material listed in Conditions 6, 7 and 8 shall be used by or under the supervision<br>Ahmad, M.D.                                                                                                                                                                                                                                                                                                                                                                                       | of the following: Tanveer                                                                   |
| 12.         | Compliance with other U.S. Agencics having surficient and regulations for radiopharmace                                                                                                                                                                                                                                                                                                                                                                                                             | uticals must be maintained.                                                                 |
| <u>1</u> 3, | The licensee shall retain records of misadministrations in the use of the licensed Padlolective I<br>Misadministrations being being defined as a radiopharmaccutical or radiation from a scales source<br>as follows:<br>A. Administration of the around radiopharmaccutical for sealed source                                                                                                                                                                                                      | naterials.<br>:e which is improperly used                                                   |
|             | B. Administration to the wrong patient                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |
|             | C. Administration by a root of the date that intended by the present of the present bed date.                                                                                                                                                                                                                                                                                                                                                                                                       | AN                                                                                          |
|             | E. Administered therapeutic fore differing by inductinal 10 percent of the prescribed date<br>Records of misaging inistrations are to include the following information, name of the referri<br>the event the effect on the patient and the section taken to prevent securitence.                                                                                                                                                                                                                   |                                                                                             |
| 14.<br>15.  | The licenses shall not open sealed sources containing and determination at intervals not to exceed six<br>Sealed sources shall be tested for leakage under containingtion at intervals not to exceed six                                                                                                                                                                                                                                                                                            | months.                                                                                     |
|             | A. The test anall be canable of detecting the presence of 0.005 microcuries of removable ra<br>sample. The test sample shall be taken from the scaled source or from the surface of the<br>source is perganetily mounted or stored.                                                                                                                                                                                                                                                                 | diagetive material on the test                                                              |
|             | B. If the test reversa the presence of U.105 microcuries at removable contamination, the lice<br>withdraw the self-or ource from the and shall chase if to be decrystathinated and repair<br>accordance with the Department regulations. Within five date after obtaining results<br>filed with the Department describing the circumstances, the test results and the correct                                                                                                                       | the test, a report shall be                                                                 |
|             | C. The scaled sources shall be testing for leakage and/or contamination by intropriately tr                                                                                                                                                                                                                                                                                                                                                                                                         | ained personuel.                                                                            |
| 16.         | Repair, initial leak tests and disposal of sealed sources containing radioactive material shall manufacturer or by other persons specifically licensed by New Jersey or the Federal Gover service.                                                                                                                                                                                                                                                                                                  |                                                                                             |
| 17.         | Radioactive material with a physical half life of less than 300 days may be disposed of as nor<br>that (a) the radioactive waste is stored behind adequate shielding to meet the requirements<br>28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioisotope to be<br>radioactive waste is monitored with a GM meter prior to disposal to insure background leve<br>removed or obliterated and (e) a log shall be maintained to include the results of the radiati | of New Jersey Radiation Code<br>e disposed of, (c) the<br>cls, (d) all radiation labels are |
| 18,         | A survey of the administration area used for stress thallium studies shall be performed and o test is done.                                                                                                                                                                                                                                                                                                                                                                                         | locumented on the day the                                                                   |





CERTIFICATION COUNCIL OF NUCLEAR CARDIOLO Incorporated 1996 CERTIFIES THAT

Tanveer Ahmad, MD

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS COUNCIL AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION, IS HEREBY DESIGNATED A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF NUCLEAR CARDIOLOGY FOR THE PERIOD 1998 THROUGH 2008

Askandw



CERTIFICATE # 904

OCTOBER 25, 1998

12/08/2004 WED 9:34 FAX 732 458 9464 COASTAL CARDIOVASCULAR

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|-----------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |                                                                                         | State                                                      | of New J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ersey                                          | Page 1 of 4                                                                                                                                                        |
|                             |                                                                                         | Departmen                                                  | t of Environmental                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Protection                                     |                                                                                                                                                                    |
|                             |                                                                                         |                                                            | of Environmental Rs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |                                                                                                                                                                    |
|                             |                                                                                         |                                                            | active Materials Se                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | •                                              |                                                                                                                                                                    |
|                             |                                                                                         |                                                            | 15, Trenton, NJ 08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                |                                                                                                                                                                    |
|                             |                                                                                         | ٢                                                          | 'hone (609) 984-5462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                |                                                                                                                                                                    |
|                             |                                                                                         | New Jersey Ra                                              | idioactive Mat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | erials Licens                                  | sc                                                                                                                                                                 |
| a license is l<br>(NARM) de | hereby issued nuthorizi<br>signated below; and to :<br>rules, regulations, and <u>o</u> | ig such licensee to transfer<br>nichtradioactive materials | , receive or use the nature for the nature of the nature o | ally occurring and/or<br>the place(s) designat | nade by the licensee designated below,<br>r accelerator produced material(s)<br>ed below. This license is subject to all<br>after in effect, and to any conditions |
| 1. L                        | icense No.:                                                                             |                                                            | 2. E:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | piration Date:                                 |                                                                                                                                                                    |
| _                           | NJSL-20759/01/00                                                                        | 27                                                         | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 08/31/2007                                     |                                                                                                                                                                    |
| J. Licens                   |                                                                                         |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Address:                                       |                                                                                                                                                                    |
|                             |                                                                                         | ULAR CONSULTAN                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Jack Martin Bly                                | <u>1. 1- 38.</u>                                                                                                                                                   |
|                             |                                                                                         |                                                            | Sand Soil age .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |                                                                                                                                                                    |
| Ra                          | diation Safety Offi                                                                     |                                                            | Br                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ick                                            | NJ 08724                                                                                                                                                           |
|                             | Thomas White, D.                                                                        |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |                                                                                                                                                                    |
|                             | ministrator:                                                                            |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | unty::: Ocean:<br>lephone: (732) 45            | 8-6200                                                                                                                                                             |
|                             | Thomas White, D.                                                                        | <u></u>                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | · ·                                            |                                                                                                                                                                    |
|                             |                                                                                         |                                                            | 5: <b>-R</b> e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ferençe No.: 40                                |                                                                                                                                                                    |
| 2                           |                                                                                         | RADIOACTIV                                                 | <b>E MATERIALS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DATA (A)                                       |                                                                                                                                                                    |
| e. Materi                   |                                                                                         |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |                                                                                                                                                                    |
|                             |                                                                                         | nd/or accelerator pro                                      | duced 100.0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Any radio                                      | pharmaceutical included under                                                                                                                                      |
| materia<br>CO-57            | l'included under G                                                                      | roup II; Section 4.7 o                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                | Section 4:7 of NJAC 7:28-4.                                                                                                                                        |
|                             |                                                                                         |                                                            | 20.0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sealed Sou                                     |                                                                                                                                                                    |
| 11-201                      |                                                                                         |                                                            | 20,0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Liquid                                         |                                                                                                                                                                    |
| \ <u> </u>                  |                                                                                         |                                                            | <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                |                                                                                                                                                                    |
|                             |                                                                                         | RADIOACTI                                                  | VE MATERIAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S DATA (B)                                     | 1 Bert                                                                                                                                                             |
|                             | orized Use                                                                              | A STANGER                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | · · · · · · · · · · · · · · · · · · ·          |                                                                                                                                                                    |
| . Any dis                   | ignostic procedure                                                                      | under Group II of N.                                       | JAC 7:28-4, Section                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.7                                            | 1                                                                                                                                                                  |
| BiFor cal                   | ibrating and check                                                                      | ing of instruments                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | · · · · · · · · · · · · · · · · · · ·          |                                                                                                                                                                    |
|                             | mining and enter                                                                        | me or med winches.                                         | مىرىمى<br>سىرىمىرىمىرى ئەركىزىكى ئەركىزىرىي                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                |                                                                                                                                                                    |
| . For cal                   | ibrating and check                                                                      | ing of instruments. (N                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |                                                                                                                                                                    |
| L                           |                                                                                         | ·                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |                                                                                                                                                                    |
|                             |                                                                                         | Condition                                                  | s begin on the follow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ing page.                                      |                                                                                                                                                                    |
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#### 12/08/2004 WED 9:43 FAX 732 458 9464 COASTAL CARDIOVASCULAR

|      | License No.: NJSL-20757/01/00<br>Amendment No.: 002<br>Page 2 of 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|      | New Jersey Radioactive Materials License                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 0. 3 | Radioactive material shall only be used at 459 Jack Martin Blvd., Brick, New Jersey 08724.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|      | Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the supervision of the following: Thomas<br>White, D.O. and Ahmad Salloum, M.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 12.  | Compliance with other U.S. Agencies having jurisdiction and regulations for radiopharmaceuticals must be maintained.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 13.  | The licensee shall retain records of misadministrations in the use of the licensed radioactive materials.<br>Misadministrations being defined as a radiopharmaceutical or radiation from a scaled source which is improperly used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|      | as follows:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|      | A. Administration of the wrong radiopharmaccutical or sealed source.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|      | B. Administration to the wrong patients                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|      | C. Administration by a route other than that intended by the prescribing physician.<br>D. Administered disgnostic dose differing by more than 50 percent of the prescribed dose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|      | E. Administered therapeutic dose differing by more than 10 percent of the prescribed dose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|      | Records of misadministration, are to include the following information: name of the referring physician description of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|      | the event file effect on the patient and the action taken to prevent recurrence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|      | The licensee shall not open sealed sources containing radioactive material.<br>Scaled sources shall be tested for leakage and/or contamination at intervals not to exceed six months.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|      | A. The test shall be capable of detecting the presence of 0.005 microcuries of removable radioactive material on the test<br>sample. The test sample shall be taken from the sealed source or from the surface of the device in which the sealed<br>source is permanently mounted or stored.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|      | B. If the test reveals the presence of 0.005 microcuries of removable contamination, the licensed shall immediately                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|      | withdraw the scaled source from use and shall cause it to be decontaminated and repaired or to be disposed of in<br>accordance with the Department regulations. Within five days after obtaining results of the test, a report shall be<br>filed with the Department describing the circumstances, the test results and the corrective action taken.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|      | C. The sealed sources shall be tested for leakage and/or contamination by appropriately trained personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 16.  | . Repair, initial leak tests and disposal of sealed sources containing radioactive material shall be performed only by the manufacturer or by other persons specifically licensed by New Jersey or the Federal Government to perform this service.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 17.  | . Radioactive material with a physical half life of less than 300 days may be disposed of as non-radioactive waste provided that (a) the radioactive waste is stored behind adequate shielding to meet the requirements of New Jersey Radiation Co. 28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioisotope to be disposed of, (c) the radioactive waste is monitored with a GM meter prior to disposal to insure background levels, (d) all radiation labels are removed or obliterated and (e) a log shall be maintained to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the radiation survey and date of disposed to include the results of the |
| 18   | L. A survey of the administration area used for stress thallium studies shall be performed and documented on the day the test is done.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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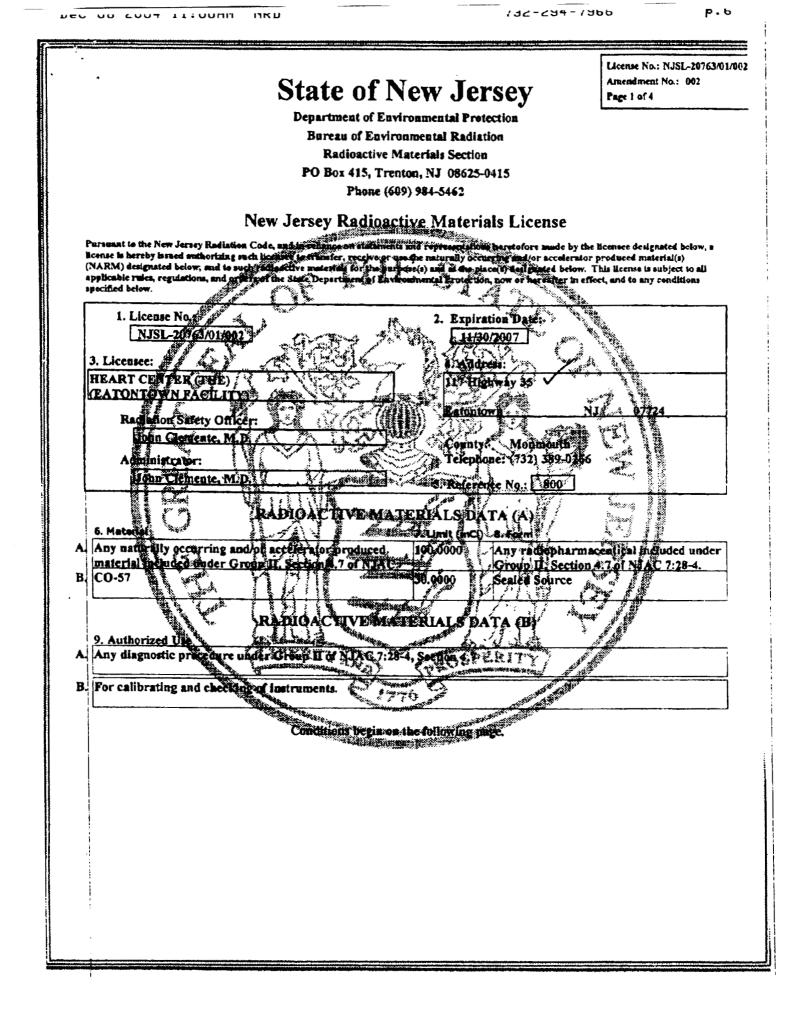
License No.: NJSL-20757/01:062 Amendment No.: 002 Page 3 of 4

|     |            | New Jersey Radioactive Materials License                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |
|-----|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 9.  | The        | licensee shall make the following items available to their staff:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |
|     | Α.         | Copy of the New Jersey Radiation Protection Code.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |
|     | В.         | Copy of the New Jersey State Radioactive Material License.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |
| 0.  | The        | hicensee shall post the following items, in-an area frequented by employees engaged in the use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | of licensed materials:                   |
|     | <b>A</b> . | Notice to Employees RPP-14.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |
|     | B.         | Emergency procedures involving major, minor spills including the names and phone number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | s of people to contact.                  |
|     | <b>C</b> . | Appropriate signs and tabels in areas ang/or containers and equipment in which radiation an<br>material are contained. These pastings are to conform to Subchapter 10 of the Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | id/or radioactive                        |
| 21. | The        | following teats shall be performed as a minimum:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |
|     | <b>A</b> . | Surveys of:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |
|     |            | 1. Altradioactive materials received:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |
|     |            | 2. All radioactive waste decayed to background levels prior to release.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |
|     |            | 3. Controlled areas, where licensed materials are used on days they are used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |
|     |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |
|     |            | 4. Uncontrolled areas, where licensed materials are used on days they are used;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | n an |
|     |            | 5. Personnel who handle radioactive materials when radioactive materials are used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |
|     | B.         | Wipe tests of;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |
|     | 2.         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |
|     |            | 1. Controlled areas, weekly, where upsealed sources of licensed materials are used during v                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ccks the material is                     |
|     |            | used. We the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | - A                                      |
| 22  | . Th       | c following records shall be maintained:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |
|     | ۸.         | Radioactive materials received including but not necessarily limited to date of receipt, radio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nuclide, activity, mas                   |
|     |            | volume of material, results of package survey, instrument used for surveys and surveyor's i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |
|     | B          | Radioactive materials administered to patients including but not necessarily limited to date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | of administration,                       |
|     |            | radionuclide, calibrated activity administered, quantity, patient name, administrator's sign                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |
|     | C.         | Radioactive material disposals including but not necessarily limited to:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |
|     |            | I. Disposals to Vendor: nuclide, activity, vendor name, quantity, date of disposal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |
|     |            | 2. Disposal by Decay: Results of survey of the waste, date of survey, date of waste disposal surveyor's initials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | , instrument used, and                   |
| .   |            | 3. Disposal to Sanitary Sewer: nuclide, activity, volume of dilution waste per day, date of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | tisposal.                                |
| 1   |            | Commentation and the setting of the setting of the set of the setting in the setting of the sett |                                          |
|     | D          | . Survey instrument calibration performed annually and after instrument repair.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |

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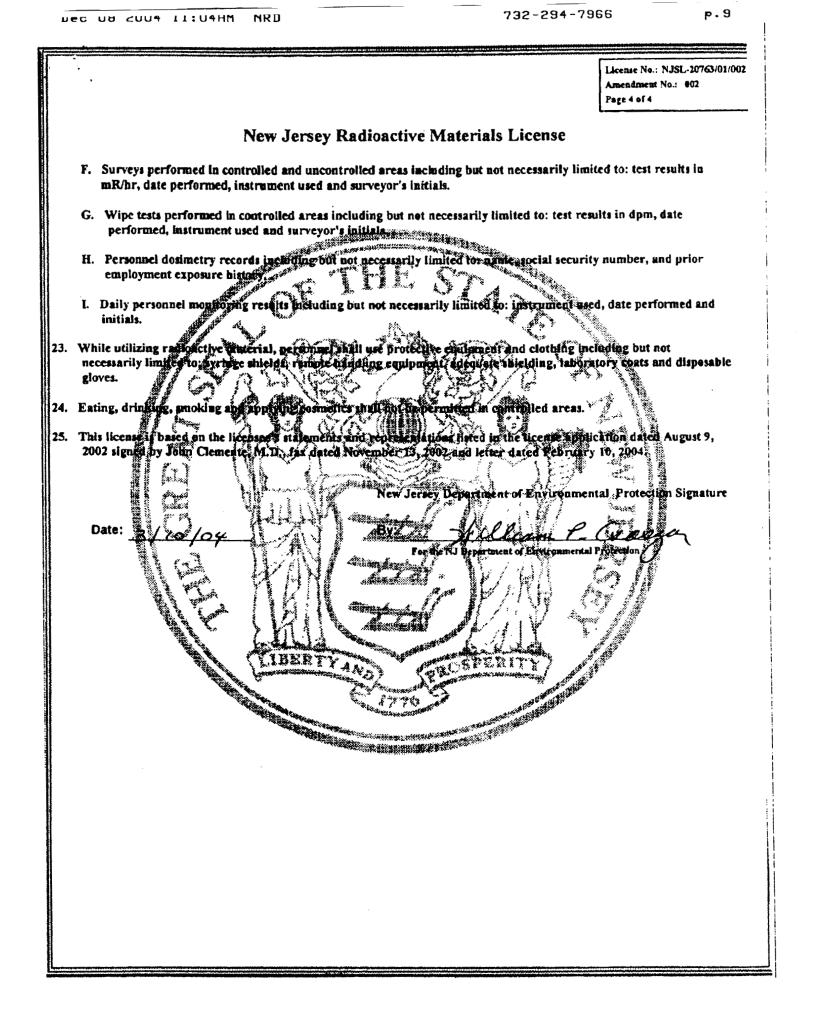
License No.; NJSL-20757/01/00; Amendment No.: 002 Page 4 of 4 New Jersey Radioactive Materials License F. Surveys performed in controlled and uncontrolled areas including but not necessarily limited to: test results in mR/hr, date performed, instrument used and surveyor's initials. G. Wipe tests performed in controlled areas including but not necessarily limited to: test results in dpm, date performed, instrument used and surveyor's initials. H. Personnel dosimetry records including but not necessarily limited to: name, social security number, and prior employment exposure history I. Daily personucl monitoring results including but not necessarily limited to: instrument used, date performed and initials. 23. While utilizing radioactive material, personnel shall use protective equipment and clothing including but not necessarily limited to: syringe shields, remote handling equipment, adequate shielding, laboratory coats and disposable gloves, توب " 24. Eating, drinking, smoking and applying cosmetics shall not be permitted in controlled areas. 25. This license is based on the licensee's statements and representations listed in the license application dated June 4, 2002 signed by Thomas White, D.O., President and letters dated July 22, 2002 and December 28, 2002. 1 7. ر محمد ال New Jersey Department of Environmental Protection Signature By: Hillern P. Caacion Date: For the NJ Department of Environmental Projection 1 Sec. 25. 1. 1. 1. en ne C 

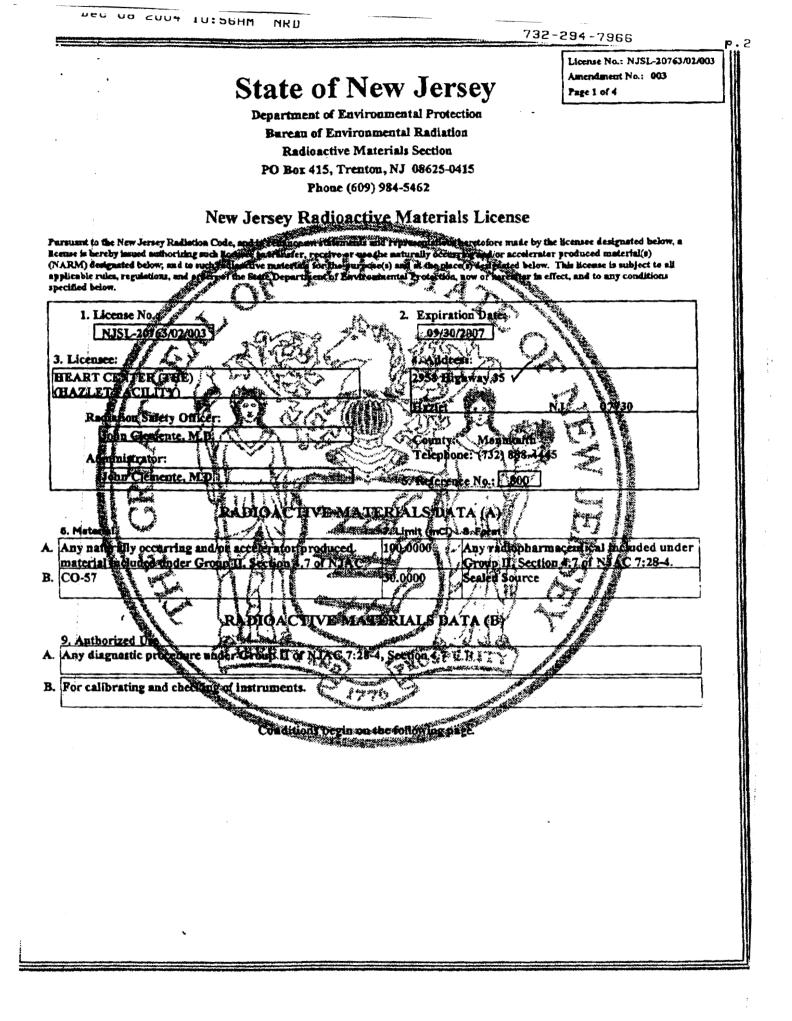
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|            | C U8 2004 11:01HM NRD 732-                                                                                                                                                                                                                                                                                                                                                                                                                              | -294-7966 p.7                                                                                                        |
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|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |
| -          |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | License No.: NJSL-20763/01/002<br>Amendmen: No.: 902<br>Page 2 of 4                                                  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |
|            | New Jersey Radioactive Materials Lice                                                                                                                                                                                                                                                                                                                                                                                                                   | ense                                                                                                                 |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |
| 10.        | Radioactive material shall only be used at 117 Highway 35, Eatontown, New Jersey.                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                      |
|            | Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the su Clemente, M.D. and David L. Robbins, Jr., M.D.                                                                                                                                                                                                                                                                                                                   |                                                                                                                      |
| 12.        | Compliance with other U.S. Agencies having jurisdiction and regulations for radiopl                                                                                                                                                                                                                                                                                                                                                                     | harmaceuticals must be maintained.                                                                                   |
| 13.        | The licensee shall retain records of inisadministrations in the use of the dicensed rad<br>Misadministrations being second as a radiopharmaceutical or radiation from a sea<br>as follows:                                                                                                                                                                                                                                                              | bactive materials.<br>Ied source which is improperly used                                                            |
|            | A. Administration of the wrong patient.                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                      |
|            | C. Administration by a roots other than that intended by the prescribing plusicia                                                                                                                                                                                                                                                                                                                                                                       | n. , 1                                                                                                               |
|            | D. Administered diagnostic dose differing up more than 50 percent of the preserve                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                      |
|            | E. Administered therapeutic doie differing by more than 10 percent of the preser                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                      |
|            | Records of misadministrations are to include the following information; hame of the event she effect on the patient and the action taken to prevent recurrence.                                                                                                                                                                                                                                                                                         | erreferring physician, pescription of                                                                                |
| 14.<br>15. | The licensie shall not open scaled sources containing radionetive material.<br>Scaled sources shall be tested for leakage and/or contantnation at intervals not to c                                                                                                                                                                                                                                                                                    | ecced six manths.                                                                                                    |
|            | A. The test mail be capable of detecting the presence of 0.005 playocuries of remain                                                                                                                                                                                                                                                                                                                                                                    | weble radioactive material on the test                                                                               |
|            | sample. The test sample shall be taken from the scaled nonrice or from the surf source is permanently mounted or stored.                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|            | B. If the test reveals the presence of Ulin Sinterocurres of petitovs his sontabilities in<br>withdraw the seller cource from its and shall cause if to be decoded in soled a<br>accordance with the Department regulations. Within five date after obtaining<br>filed with the Department describing the circumstances, the test results and the                                                                                                       | id repaired or to be disposed of in<br>results of the test, a report shall be                                        |
|            | C. The scaled sources shall be tested to leakage and/or contamination by approp                                                                                                                                                                                                                                                                                                                                                                         | rlately trained personnel.                                                                                           |
| 16.        | Repair, initial leak tests and disposal of sealed source containing radioactive mater<br>manufacturer or by other persons specifically licensed by New Jersey or the Feder<br>service.                                                                                                                                                                                                                                                                  | tal shall be performed only by the                                                                                   |
| 17.        | Radioactive material with a physical half life of less than 300 days may be disposed<br>that (a) the radioactive waste is stored behind adequate shielding to meet the requi<br>28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioiso<br>radioactive waste is monitored with a GM meter prior to disposal to insure backgr<br>removed or obliterated and (c) a log shall be maintained to include the results of the | rements of New Jersey Radiation Code<br>tope to be disposed of, (c) the<br>ound levels, (d) all radiation labels are |
| 18.        |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |

|     |                                                                                                                                                                                    | License No.: NJSL-20763/01/00<br>Amendment No.: 002<br>Page 3 of 4 |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|     | New Jersey Radioactive Materials License                                                                                                                                           |                                                                    |
| 19. | The licensee shall make the following items available to their staff:                                                                                                              |                                                                    |
|     | A. Copy of the New Jersey Radiation Protection Code.                                                                                                                               |                                                                    |
|     | B. Copy of the New Jersey State Radioactive Material License.                                                                                                                      |                                                                    |
| 20. | The licensee shall post the following items is an area frequented by employee's engaged in th                                                                                      | ne use of licensed materials:                                      |
|     | A. Notice to Employees - RPP-14                                                                                                                                                    | <                                                                  |
|     | B. Emergency procedures involving major, minor spills including the names and mone m                                                                                               | inhers of people to contact.                                       |
|     | C. Appropriate fights and labels in areas and or containers and equipment in which radial material are contained. These postings are to conform to Subchasser, 10 of the Code.     | tion and/or radioactive                                            |
| 21. | The following terts shall be performed as a hitthmam:                                                                                                                              | s XI.                                                              |
|     | A. Survey of                                                                                                                                                                       |                                                                    |
|     | 1. All radioactive material received                                                                                                                                               | ₽ YŪ \\                                                            |
|     | 2. All radiosed ve waste decayed to background levels prior to retence                                                                                                             |                                                                    |
|     | 3. Controlled areas, where licensed materials are used on days they are used.                                                                                                      | ć., l                                                              |
|     | 4. Uncontrolled areas, where licensed materials are used on days they are used                                                                                                     | (tr) (j                                                            |
|     | 5. Persannehaint handle radioactive materials when radioactive materials are used.                                                                                                 |                                                                    |
|     | B. Wipe testi of:                                                                                                                                                                  | 87 B                                                               |
|     |                                                                                                                                                                                    | ing weeks the material is                                          |
| 77  | used.<br>The following records Build be meintained                                                                                                                                 | 14                                                                 |
|     | A. Radioactive materials received including but not necessarily limited to date of received,                                                                                       |                                                                    |
|     | volume of material, results of pactage survey, instrument used for surveys and surveyo                                                                                             | radionucide, activity, mass or<br>or's initials.                   |
|     | B. Radioactive materials administered to patients including bet not decessarily limited to radioauclide, calibrated activity administered, quantity, patient name, administrator's | date of administration,                                            |
|     | C. Radioactive material disposals including but not necessarily limited to:                                                                                                        |                                                                    |
|     | 1. Disposals to Vendor: muclide, activity, vendor name, quantity, date of disposal.                                                                                                |                                                                    |
|     | 2. Disposal by Decay: Results of survey of the waste, date of survey, date of waste disp                                                                                           | osal, instrument used, and                                         |
|     | surveyor's initials.                                                                                                                                                               | F. 411                                                             |
|     | 3. Disposal to Sanitary Sewer: nuclide, activity, volume of dilution waste per day, data                                                                                           | e of disposal.                                                     |
|     | D. Survey instrument calibration performed annually and after instrument repair.                                                                                                   |                                                                    |

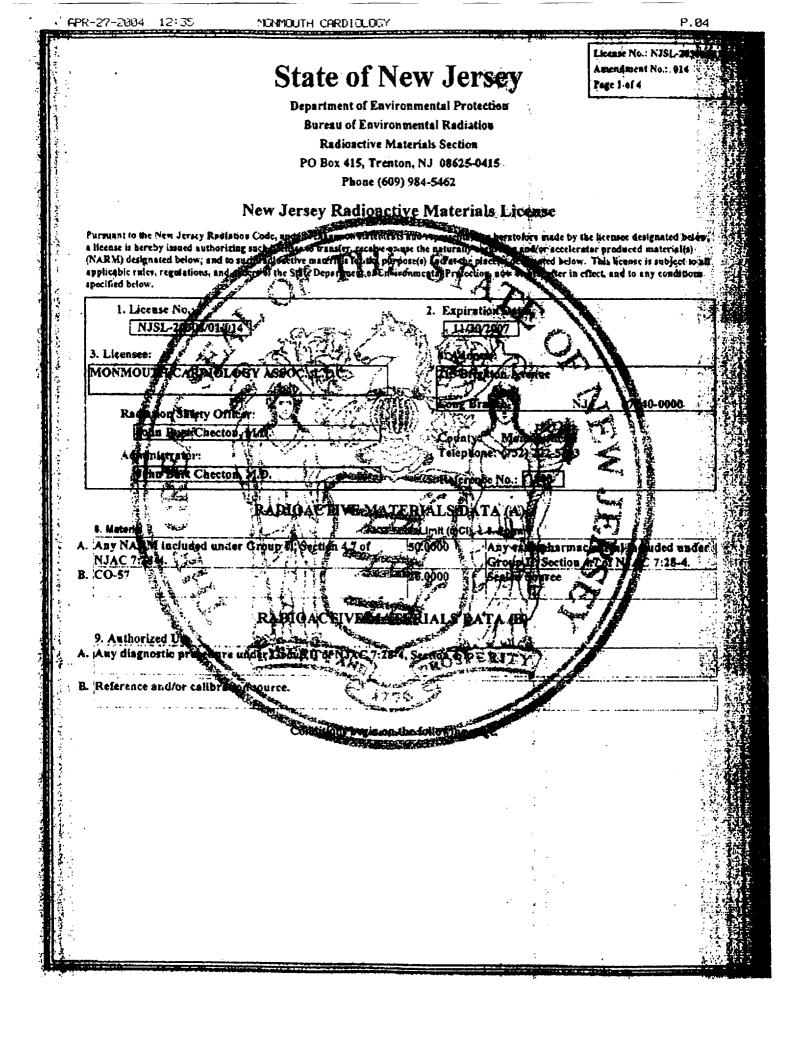




|            | (32-23+-7300 P.J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | License No.: NJSL-20763402/003<br>Amendment No.: 003<br>Page 2 of 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| •          | New Jersey Radioactive Materials License                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 10.        | Radioactive material shall only be used at 2958 Highway 35, Hazlet, New Jersey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>11.</b> | Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the supervision of the following: John<br>Clemente, M.D. and David L. Robbins, Jr., M.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 12.        | Compliance with other U.S. Agencies having juristiction and regulations for and opharmaceuticals must be maintained.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 13.        | The licensee shall retain records of misadministrations in the use of the licensed radioactive materials.<br>Misadministrations being the ined as a radiopharmaceutical or radiation from a scaled, force which is improperly used<br>as follows:                                                                                                                                                                                                                                                                                                                                                                                              |
|            | A. Administration of the wrong of allout.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|            | C. Administration by a route other than that intended by the presenting phrase an.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|            | D. Administered differences of the difference by more than 10 percent of the prescribed dose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|            | Records of misadministrations are to include the following theoremetica: name of the referring physician, description of<br>the event the clicks on the patient and the action taken to prevent securizance.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 14.        | The licensie shall not open scaled sources containing addicacilie material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 15.        | Sealed sourcessful pe tested for leadage and/or contamination of intervals not to exceed six months.<br>A. The test shall be radable of detecting the presence of 0.005 merocuries of removable radioactive material on the test                                                                                                                                                                                                                                                                                                                                                                                                               |
|            | sample. The test sample shall be thicen from the scaled source or from the surface of the device in which the scaled source is permanently mounted or stored.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|            | B. If the test reveals the presence of Utily intercourter of periods able crucianisation, the licepson shall immediately<br>withdraw the select source from the and thall cause it to be decontinuated and repaired or to be disposed of in<br>accordance with the Department regulations. Within five data arter obtaining result, or the test, a report shall be<br>filed with the Department describing the circumstances, the test results and the corrective action taken.                                                                                                                                                                |
|            | C. The sealed sources shall be testing of leakage and/or contamination by appropriately trained personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 16.        | Repair, initial leak tests and disposal of sealed sources containing Tadioactive material shall be performed only by the manufacturer or by other persons specifically licensed by New Jersey or the Federal Government to perform this service.                                                                                                                                                                                                                                                                                                                                                                                               |
| 17.        | Radioactive material with a physical half life of less than 300 days may be disposed of as non-radioactive waste provided<br>that (a) the radioactive waste is stored behind adequate shielding to meet the requirements of New Jersey Radiation Code<br>28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radiolsotope to be disposed of, (c) the<br>radioactive waste is monitored with a GM meter prior to disposal to insure background levels, (d) all radiation labels are<br>removed or obliterated and (e) a log shall be maintained to include the results of the radiation survey and date of disposal |
| 18.        | A survey of the administration area used for stress thallium studies shall be performed and documented on the day the test is done.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

|   |           |                                                                                                                                          | <b>* m</b> - j                                                                                                  | License No.: NJSL-20763/02/0<br>Amendment No.: 003<br>Page 3 of 4 |
|---|-----------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
|   |           | New Jersey Radioactive Mate                                                                                                              | erials License                                                                                                  |                                                                   |
| T | 'he       | licensee shall make the following items available to their staff:                                                                        |                                                                                                                 |                                                                   |
| 4 | <b>A.</b> | Copy of the New Jersey Radiation Protection Code.                                                                                        |                                                                                                                 |                                                                   |
|   |           | Copy of the New Jersey State Radioactive Material License                                                                                |                                                                                                                 |                                                                   |
| 7 | Ъе        | licensee shall post the following items in area frequented by em                                                                         | ployeer engaged in the                                                                                          | e use of licensed materials:                                      |
|   | <b>A.</b> | Notice to Employees - BPP 14.                                                                                                            | $\sim$                                                                                                          |                                                                   |
| ] | <b>B.</b> | Emergency processures involving major, minor spills including the                                                                        | names and phose Du                                                                                              | abers of people to contact.                                       |
| 1 | С.        | Appropriate areas and labels in areas and/ar containers and equip<br>material are contained. These postings for to conform to Subcing    | ment in which radiati                                                                                           | on and/or radioactive                                             |
| 7 | he        | following terts shall be performed as a minimum;                                                                                         |                                                                                                                 | UN                                                                |
|   |           | Survey of A                                                                                                                              | 2- <b>6</b> 3                                                                                                   | 21                                                                |
|   |           | 1. All radiologive materials received                                                                                                    | PL-LEA                                                                                                          |                                                                   |
|   |           | 2. All cadioactive waste der lived to the figuround tevels prior to res                                                                  |                                                                                                                 | 21                                                                |
|   |           | 3. Convolled areas, where licensed muterials are used on days the                                                                        | the second se |                                                                   |
|   |           | 4. Uncontrolled areas, where licensed materials are used on days                                                                         |                                                                                                                 |                                                                   |
|   |           | 5. Personpel who handle radioactive materials when radioactive r                                                                         | L. also                                                                                                         | ð /                                                               |
|   | B.        | Wipeterind:                                                                                                                              | UXRA ,                                                                                                          | 211                                                               |
|   |           | NY UN Star                                                                                                                               | aterials are used dur                                                                                           | ng weeks the material is                                          |
|   |           | used.                                                                                                                                    | S. Z.J.L                                                                                                        |                                                                   |
| 1 | The       | e following records High be maintained                                                                                                   | SPERITY                                                                                                         |                                                                   |
|   | <b>A.</b> | Radioactive materials received including but not necessarily imite<br>volume of material, results of parkage survey, instrument used for | ed to date of feetbt, r                                                                                         | adionuclide, activity, mass o                                     |
|   | B.        | Radioactive materials administered to patients including but not                                                                         | A DAY AND A |                                                                   |
|   |           | radionuclide, calibrated activity administered, quantity, patient n                                                                      | ame, administrator's                                                                                            | signature.                                                        |
|   | C.        | Radioactive material disposals including but not necessarily limite                                                                      | ed to:                                                                                                          |                                                                   |
|   |           | 1. Disposals to Vendor: nuclide, activity, vendor name, quantity,                                                                        | date of disposal.                                                                                               |                                                                   |
|   |           | 2. Disposal by Decay: Results of survey of the waste, date of surv<br>surveyor's initials.                                               | ey, date of waste disp                                                                                          | os <b>ai, instrument</b> used, and                                |
|   |           | 3. Disposal to Sanitary Sewer: nuclide, activity, volume of dilutio                                                                      | on waste per day, date                                                                                          | of disposal.                                                      |
|   | D.        | Survey instrument calibration performed annually and after instru                                                                        | ument repair.                                                                                                   |                                                                   |

| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dec 08 2004 10:59AM NRD 732-294-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7966 p.5                                                            |
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| 1 And I And |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | License No.: NJSL-20763/02/003<br>Amendment No.: 003<br>Page 4 of 4 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | New Jersey Radioactive Materials License                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F. Surveys performed in controlled and uncontrolled areas including but not necessarily lin<br>mR/hr, date performed, instrument used and surveyor's initials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | nited to: test results in                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | G. Wipe tests performed in controlled areas including but not necessarily limited to: test re<br>performed, instrument used and surveyor's initials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | sults in dpm, date                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H. Personnel dosimetry records including but not necessarily limited to came, social securi<br>employment exposure history                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | L Daily personnel monthering results including but not necessarily limited to: instrument a initials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                     |
| 23.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | While utilizing resignative material, per sound shall use protective equipment and clothing a<br>necessarily limiter to symbols shields remote handling equipment, adequate shielding, tabo<br>gloves.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | nclearing but not<br>ratory coats and disposable                    |
| 24.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Eating, drinking, smoking and applicing cometics that not be bermitted is controlled areas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | - <b>Z</b> \                                                        |
| 25.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | This licens of based on the licensent of licensent and letter and | a February 30, 2004.<br>ental Protection Signature                  |

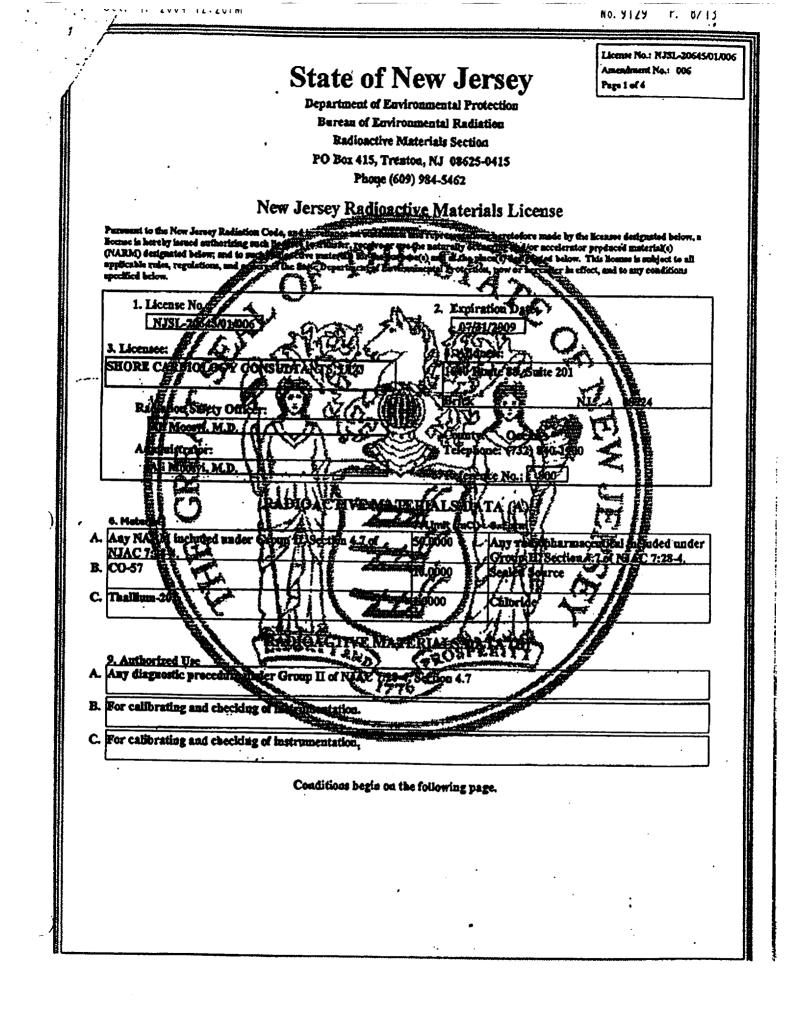


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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • • •                      |                                                                                                                |
| New Jersey Radioactive Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | s License                  |                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            | 1.<br>1.<br>1.                                                                                                 |
| 0. Radioactive material shall only be used at 215 Brighton Avenue, Long Branci                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>b.</b>                  |                                                                                                                |
| Radioactive material listed in Conditions 6, 7 and 8 that are used for cardiac                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | imaging inscho             | studier shall be need be                                                                                       |
| under the supervision of the following: John Burt Checton, M.D., Rita M. W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ston, M.D., Je             | fery Osobky, M.D. and                                                                                          |
| Pasqual B. Rodriguez, M.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                                                                                                                |
| 2. Compliance with other U.S. Agencie having jurisdiction and regulations for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | hannaces                   | ticals must be maintained                                                                                      |
| The licensee shall retain require of minoministrations in the use of the license                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |                                                                                                                |
| winsoministrations being settined as a radiopharmaceutical or radiation fro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | which is improperly use                                                                                        |
| es follows:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            |                                                                                                                |
| A. Administration of the work radio inating entire and our to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | B 🕇 🏠                      |                                                                                                                |
| B. Administration (Grae wrote patient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            | <b>s N</b> - 8                                                                                                 |
| A Matter Stranger and Stranger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ALL IN                     |                                                                                                                |
| C. Administration by a radiation may the cinternet of the presenter p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            |                                                                                                                |
| D. Administered diagnostic dass differing by more than sepercout of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M non                      | met 1                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                                                                                                                |
| E. Administered therapeutic date differing by more than 10 percent of the p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | rescribedator              | 2                                                                                                              |
| Records of mission interations are to include the following information seem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.05 the state             |                                                                                                                |
| the event, the effort on the patient and the and on taken to prevent recurrence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 87                         | in property descent funda de                                                                                   |
| . The license spall not open sealed fources containing radioactive mattheal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                            | (F) []                                                                                                         |
| The first of the state of the s |                            |                                                                                                                |
| Sealed sources has betested for ferkage sadier containsting at intervaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | t toletomd six             |                                                                                                                |
| A. The test sin he capable of fletecing the resence of 0.005 microcupies of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | rainoverse rad             | outing atterial on the tr                                                                                      |
| sample. The cet sample shall be taken from the sector son fee or toon the source is permanently mounted or stored.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | e surface of the           | device is which the scaled                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                                                                                                                |
| B. If the test reveals a correscance of orong milinear may of remove be rained withdraw the scaledon taxe from use and small church it to be becomentation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            | mail 4mmediately                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                                                                                                                |
| nico with the Department depending the circulint and es, thereast results an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ed the weather ectiv       | e action taken.                                                                                                |
| C. The sealed sources shall be tested for the sealed sources targing the sealed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | proprietely trai           | Red personnel                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                                                                                                                |
| Repair, initial leak tests and disposal of sealed sources containing radioactive-<br>manufacturer or by other persons specifically licensed by New Jersey or the H<br>service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ederal Gavara              | e performed only by the                                                                                        |
| service.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            | Terrandi and the second second                                                                                 |
| Radioactive material with a physical half life of less than 300 days may be disp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | nand office some           | the second s |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ا الناسية المتعاصية المحمد | Alexand Terrary W 31 - 41 - 0015                                                                               |
| radioactive waste is monitored with a GM meter prior to disposal to incare by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | loisotoge to be            | lisposed of, (c) the                                                                                           |
| removed or obliterated and (c) a log shall be maintained to include the results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | of the rediction           | survey and date of dispe                                                                                       |
| A survey of the administration area used for stress thallium studies shall be pe<br>test is done.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |                                                                                                                |
| test is done.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Chranes the do             | currented on the day the                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •                          | 2                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            | 24                                                                                                             |

| APR-27-2004 12:39 MONMO                                                                             | UTH CARDIOLOGY                          |                       | P. C                                    |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------|-----------------------------------------|
|                                                                                                     |                                         |                       | Aretalment Ne.: 854<br>Pate 3 of 4      |
| New Je                                                                                              | ersey Radioactive Materia               | le Licquice           | • • • •                                 |
| The licenses shall make the following ite                                                           | ms available to their staff:            |                       |                                         |
| A. Copy of the New Jersey Radiation F                                                               | Protection Code.                        | •                     |                                         |
| B. Copy of the New Jersey State Radio                                                               |                                         |                       | i                                       |
| 0. The licensee shall post the following and                                                        | Lown area frequented by employe         | the seed in the s     | use of licensed material                |
| A. Notice to Employees - Prove.                                                                     | E mail                                  |                       |                                         |
| B. Emergency proceeding involving a                                                                 | and the second second                   |                       | of prople to cont                       |
| C. Appropriate for and theirs is again<br>material and write and These parts                        | ef in the contactors and requirement    |                       | and instantion of the second second     |
| a. The following the shall be pirformed a                                                           |                                         |                       |                                         |
| A. Surveyor: Ana,                                                                                   | GA MANA                                 |                       | 31                                      |
| 1. Allevatio aleve mateman receive                                                                  |                                         |                       | CI                                      |
| 2. Aller disdaye waste lepered to                                                                   | bic at the state of the states          | Ĵ                     | 2                                       |
| 3. Certroller freas, where deeped                                                                   | invertues are used on days there are    | used.                 | 51                                      |
| 4. Union trouted areas, where licens                                                                | ed materials diverses an days mere      |                       |                                         |
| 5. Person el sur handle ratificiti                                                                  | r materials with the material           | ale are set.          | G //                                    |
| B. Wipe teaching                                                                                    | A start I                               |                       | 7//                                     |
| 1. Controller areas, weeklys where<br>used.                                                         | appealed souther Statistics of party is | in are existenting    | were the nuterial is                    |
| A. The following records simple maintener                                                           | RTYANNY CROSH                           | ALT BY                |                                         |
| A. Resloactive materials result of jucit                                                            | nding but in an exception believed to a |                       | lionaclide, activity, ma<br>i initials. |
| B. Radioactive materiais administered                                                               | to president direction and manufactures | the line of to day    | ie of administration.                   |
| 1.                                                                                                  | ministered, quantity, patient name, a   | ediministriator's sig | attere.                                 |
| C. Radioactive material disposais inch                                                              |                                         | . h                   | • . •                                   |
| <ul> <li>J. Disposals to Vendor: aucide, ac</li> <li>J. Disposal by Decay: Results of au</li> </ul> |                                         |                       |                                         |
| 2. Disposal by Decay: Results of su<br>surveyor's initials.                                         | arrey of the watte, date of survey, da  | ite di waste altepos  | el, ispirgesent usod, es                |
| 3. Disposal to Sanitary Sewer: nuc                                                                  | dide, activity, volume of dilution was  | te per day, date o    | (dispose).                              |
| . D. Survey instrument calibration perfo                                                            |                                         |                       |                                         |
| E. Sealed source leak tests at intervals                                                            | not to exceed six months. Results as    | re to be reported i   | e microcaries.                          |
|                                                                                                     |                                         |                       |                                         |

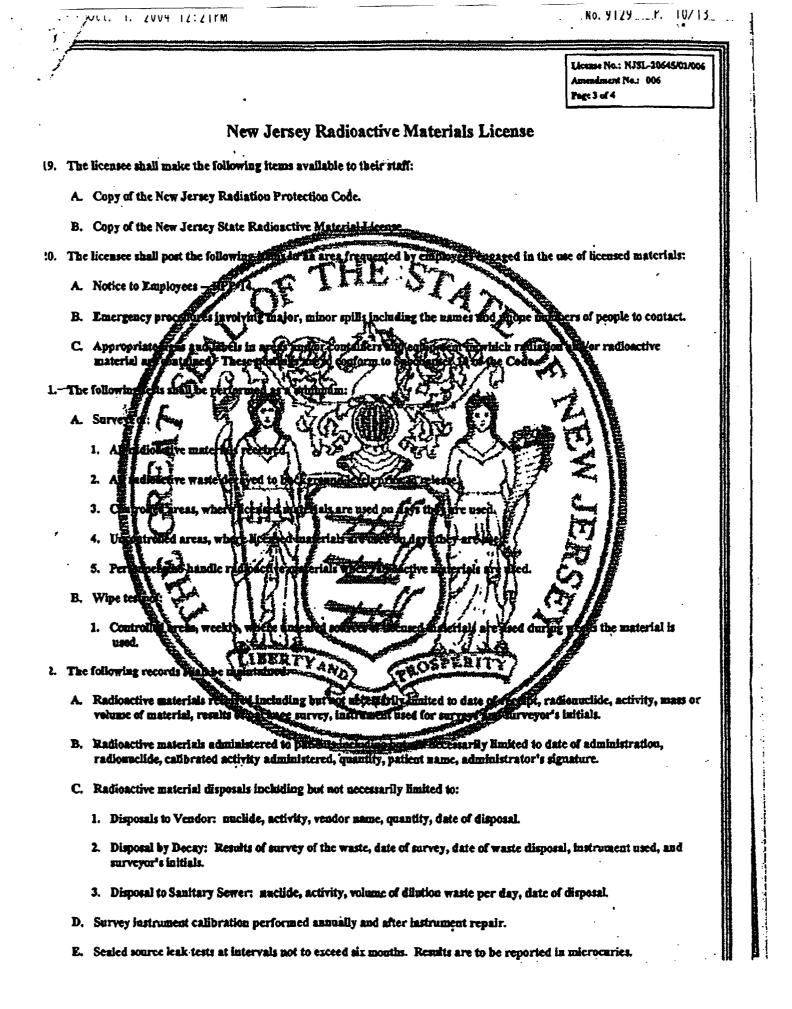
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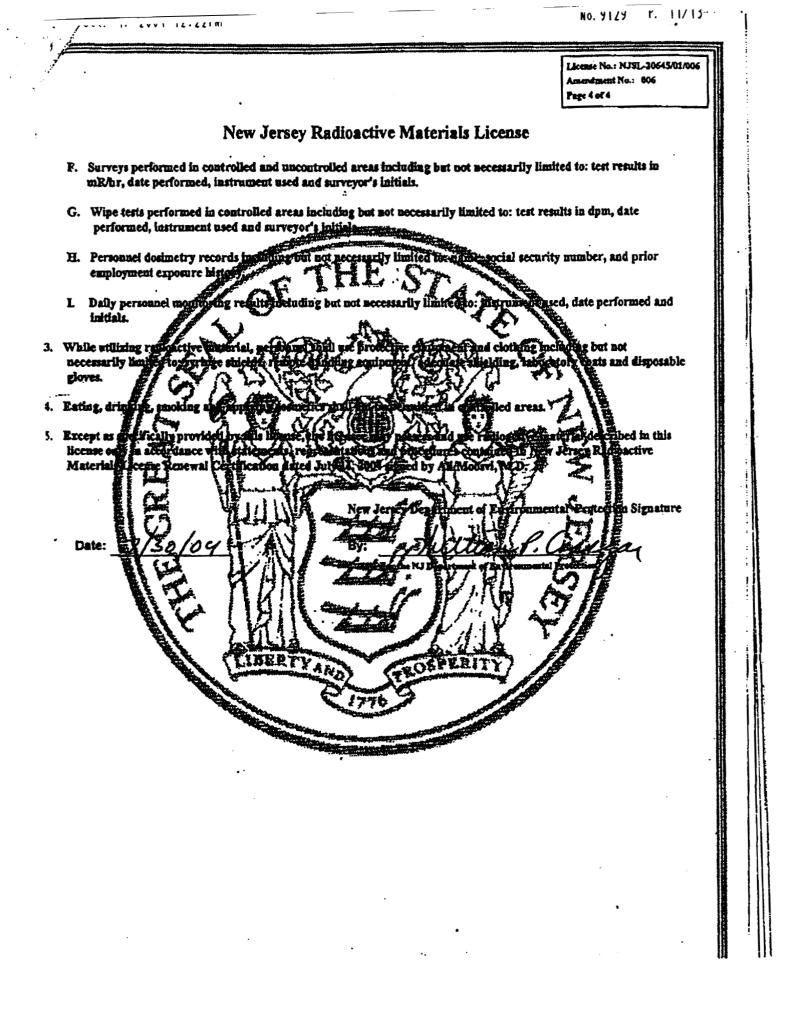
P.09 APR-27-2004 12:43 MONMOUTH CARDIOLOGY 31.71 Efcenet No .: NJSL-24 Amendraent No.1 403 ge 4 of 4 New Jersey Radioactive Materials License F. Surveys performed in controlled and uncontrolled areas including but not successfully limited to: test results in mR/hr, date performed, instrument used and surveyor's initials. Wipe tests performed in controlleu areas and prior performed, instrument used and surveyor's initial and the security unanber, and prior G. Wipe tests performed in controlled areas including but not necessarily limited toggest results in dpm, date H. Personnel dosimetry records including but not necessarily limited tone employment exposure history Yes ed, date performed and I. Daily personnel monforting results including but not necessarily limited initials. While utilizing raciostive maserial, personnelling use protective edunate but not and dispose necessarily limited to: avriage shields remoted the goup me gloves. Eating, drinking, amoking ang sppit in the share in the spatial state Except as medifically provided by this ficense, belicenseeing passes and license only in accurdance with statemants, representations and propedu ctive Material License Renewal Certification dated November 21, 2002 signed by Jel walk in the string were to New Jersey Department of Et Sions 2/18/02 Date: ANNA FOLDE N 4 Stane Cal STREET STREET AN ATTACK



| 1     | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | License No.: NJ8L-20645/01/00<br>Ameniment No.: 006<br>Page 2 of 4                                        |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| :     | New Jersey Radioactive Materials Licens                                                                                                                                                                                                                                                                                                                                                                                                                                      | e                                                                                                         |
| 10. 1 | Radioactive material shall only be used at Shore Cardiology, 1640 Route 88, Suite 201, I                                                                                                                                                                                                                                                                                                                                                                                     | Brick, New Jersey.                                                                                        |
| 2     | Radioactive material listed in Conditions 6, 7 and 8 shall be used by or under the superv<br>Cohen, D.O. and Ali R. Moosvi, M.D.                                                                                                                                                                                                                                                                                                                                             | vision of the following: Todd S.                                                                          |
| 12. ( | Compliance with other U.S. Agencies betting justification and regulation ( for read ophan                                                                                                                                                                                                                                                                                                                                                                                    | macenticals must be maintained.                                                                           |
|       | The licensee shall retain records of misadministrations in themse properties of the loss<br>Misadministrations being testined at an another maccutical or radiation from speeled<br>as follows:<br>A. Administration of the another radiosite representical is, scaled source r                                                                                                                                                                                              |                                                                                                           |
|       | B. Administration by a route substitute and the substitute addition of the production of the substitute and                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                           |
|       | D. Administered discussific Asse deleting the prost of the prost bed                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                           |
| ł     | E. Administered Derapeuticipie atterior by more than 10 parter of the parter bed                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                           |
| 1     | Records a minedministrationalize to include the distance of the me of the re-<br>the event the effect on the parent and the second taken to prevent receivence.                                                                                                                                                                                                                                                                                                              | Serving physician, sescription of                                                                         |
| · ·   | be licenser hard, not open scaled source containing stationers material                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                           |
|       | A. The test result be reaching to presence of 0.005 plintocrips of random be sample. The test mainle shell be taken from the source is plantating the maintee are taken source is plantating the maintee are taken.                                                                                                                                                                                                                                                          | te racing city material on the test                                                                       |
| 1     | withdraw the selied wards and the making these it to be considerabled and r                                                                                                                                                                                                                                                                                                                                                                                                  | t Ecceled shall immediately ensired of in                                                                 |
|       | accordance with the theory interest regulations. Within five a section of distance with the Department Vererbing the circumstalling the part results and thereby                                                                                                                                                                                                                                                                                                             | sective action taken.                                                                                     |
|       | C. The scaled sources shall be tertile of laskage and/or contamination by frightprinte                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                           |
|       | Repair, initial leak tests and disposal of scaled sources watering radioactive material a<br>manufacturer or by other persons specifically licensed by New Jersey or the Federal G<br>service.                                                                                                                                                                                                                                                                               |                                                                                                           |
|       | Radioactive material with a physical half life of less than 300 days may be disposed of an<br>that (a) the radioactive waste is stored behind adequate shielding to meet the requirem<br>28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioisotope<br>radioactive waste is monitored with a GM meter prior to disposal to insure background<br>removed or obliterated and (c) a log shall be maintained to include the results of the ra- | ents of New Jersey Radiation Code<br>to be disposed of, (c) the<br>I levels, (d) all radiation labels are |
|       | A survey of the administration area used for stress thallium studies shall be performed a<br>test is done.                                                                                                                                                                                                                                                                                                                                                                   | and documented on the day the                                                                             |
|       | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                           |

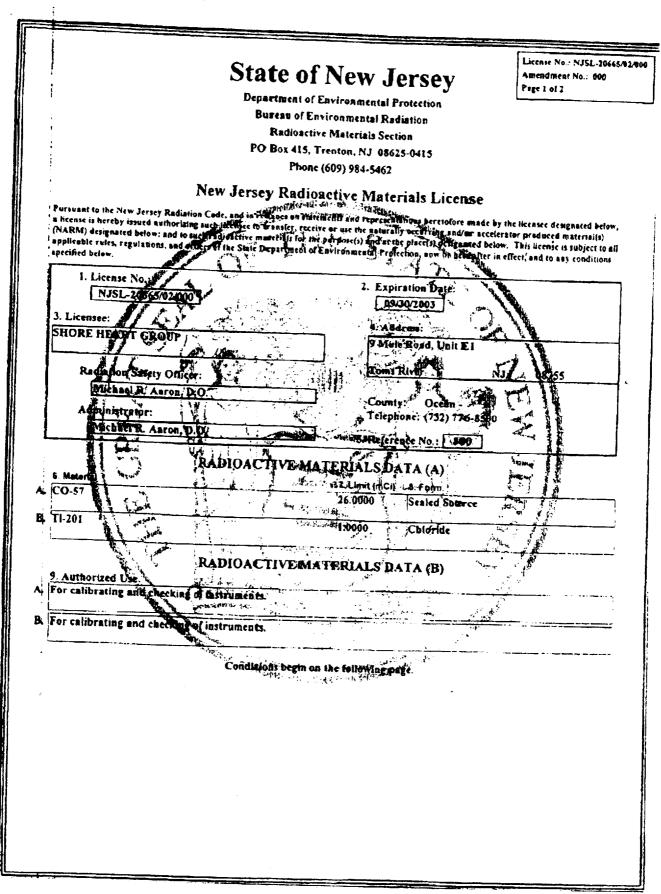
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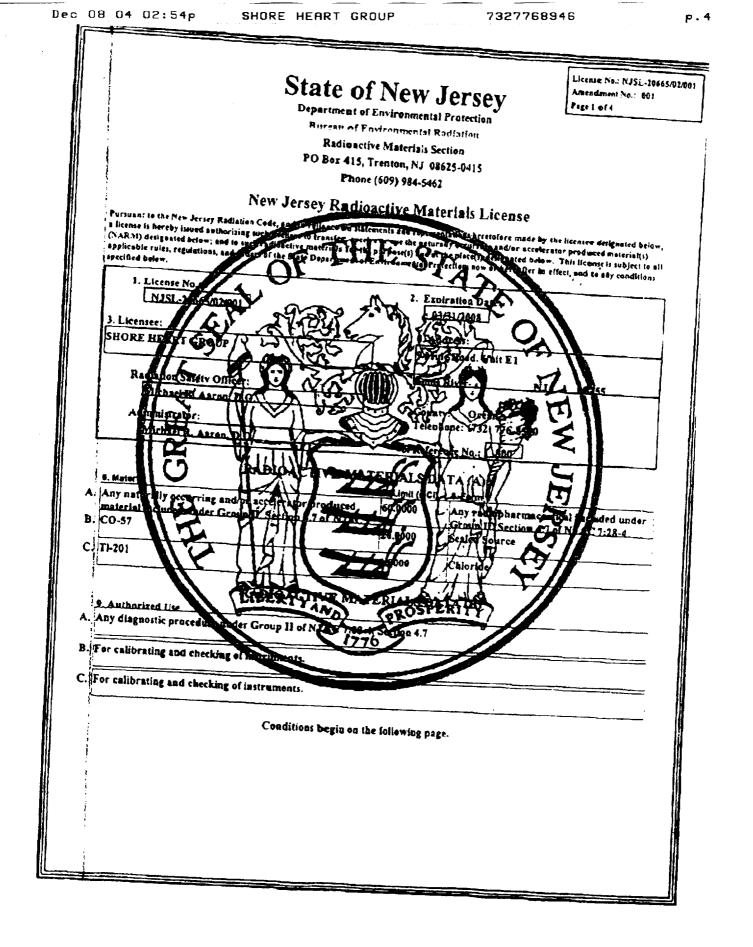


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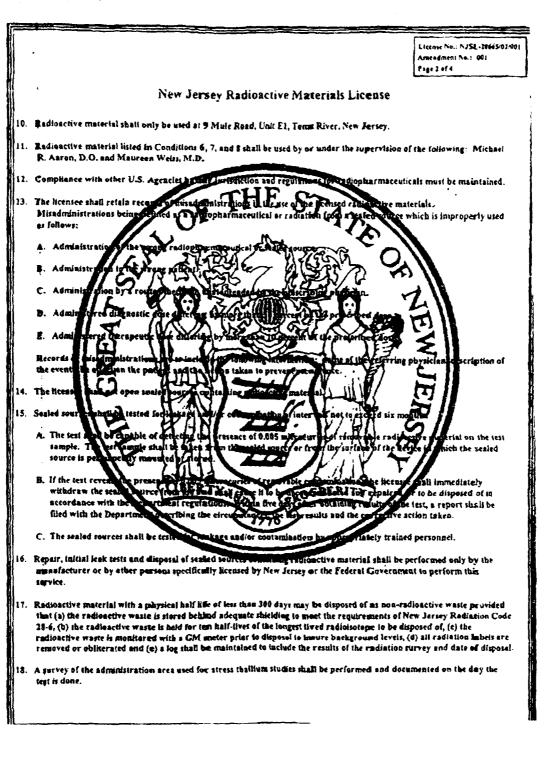
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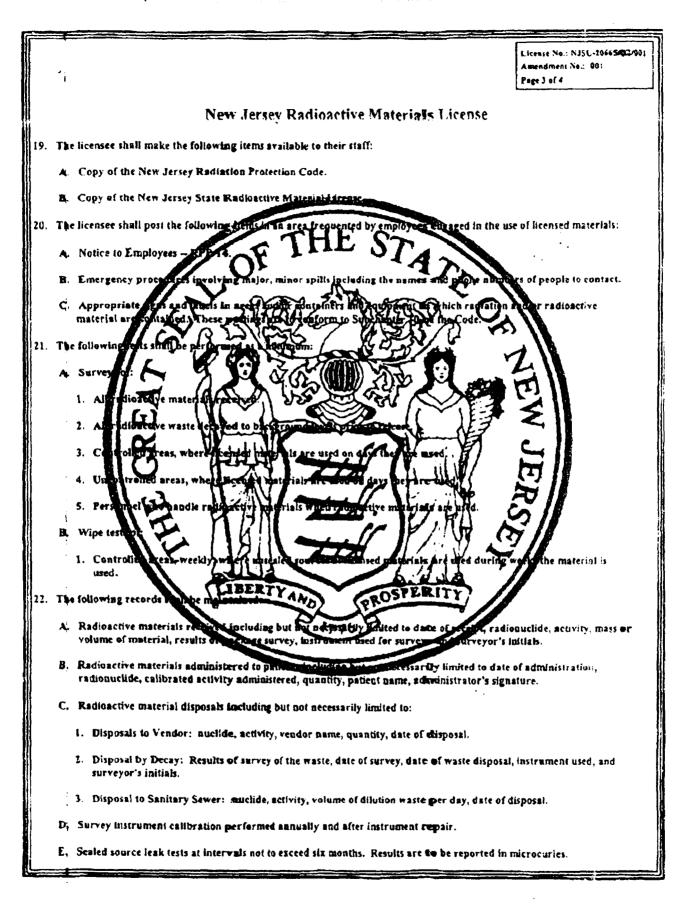
Nec na na nc:23b SHURE HEART GROUP 7357768346 p.3 Livense No.: NJSL-20665/02/000 Amendment No.: 000 Page 2 of 2 New Jersey Radioactive Materials License 10. Radioactive material shall only be used at 9 Mule Road, Unit E1, Toms River, New Jersey. 11. Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the supervision of the following: Michael 12. Licensed materials shall not be used in an on human beings ÷ . This license is based on the license statements and representations listed to the license application dated March 3, 2003 signed by Michael Restance, D.O. . D.O. New Jersey Department of Environment Protection Signature Date: By: al. #¥1208 m  $\otimes$ Security 1 1 1.5.4. A CARLON AND A CAR 



p.5



- 3. Disposal to Sanitary Sewer: muclide, activity, volume of dilution waste per day, date of disposal.
- D; Survey instrument calibration performed annually and after instrument supair.
- E. Scaled source leak tests at interwals not to succed six months. Results are to be reported in microcuries.



Dec 08 04 02:57p SHORE HEART GROUP 7327768946 p.6 Livease No .: NJSL-20665/02.001 Amendment No.: 401 New Jersey Radioactive Materials License Page 4 of 4 F. Surveys performed in controlled and uncontrolled areas including but not necessarily limited to: test results in much data performed interest and the second data performed in the second data performed in the second data performed in the second data performed data performed in the second data performed G. Wipe tests performed in controlled areas including but not necessarily limited to: test results in dpm, date 2. Personnel desimetry records including oul not necessarily limited for same oclal security number, and prior employment exposure history I. Daily personnel mon iarily Maniles : in results ding but initials, p, date performed and 23. While utilizing ra necessarily limited clothier inclution but not Eo. gioves. ts and disposable 24. Esting, dring ynokin 25. This Reenson lā the 2003 signe y Michael R. farch 3, Signature Date: 0.3 IBERTYAND ROSPERITY

والمستنا المترافية تعريد

العربية معيلاة أرجي المدروات الماسوني بيتو معتقمتهم والأشار مستقار وأرتحت الماوت

بهريه والمشجود سالاطنيان

## THE CERTIFICATION BOARD OF Incorporated 1996 CERTIFIES THAT Marek E. Mrzyglocki, MD

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION, IS HEREBY DESIGNATED

A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF

## NUCLEAR CARDIDLOGY

FOR THE PERIOD 2002 THROUGH 2012

OCTOBER 20, 2002

THE CERTIFICATION BOARD OF NUCLEAR CARDIOLOGY Jeffrey Lee Osdfsky, M.D.

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION, IS HEREBY DESIGNATED

A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF

## NUCLEAR CARDIOLOGY

FOR THE PERIOD 2000 THROUGH 2010

CERTIFICATE # 1809

OCTOBER 29, 2000

| an a                                                                                                             | an a |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| THE CERTIFICATION BOARD OF<br>Incorporated 1996<br>CERTIFIES THAT                                                                                    |                                          |
| Charles J. Ma                                                                                                                                        | ttīna, MD                                |
| HAVING MET THE REQUIREMENTS PRESCRIBED BY THE<br>IN THE UNITED STATES AND HAVING SATISFACTORILY<br>IS HEREBY DESIGNA<br>A DIPLOMATE CERTIFIED IN THE | PASSED THE REQUIRED EXAMINATION,         |
| NUCLEAR CARDI                                                                                                                                        | DLOGY                                    |
| FOR THE PERIOD 2002 THR                                                                                                                              | • .                                      |
| Mald Cirguain<br>Pristornt<br>Common # 2478                                                                                                          | CETOBER 20, 2002                         |

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#### Certification Board of Nuclear Certification

8929 Mun Street Sulle C Damaeous, MO 20672 Phone: (301) 743-7822 Far: (301) 853-7123

SOARD OF DIRECTORS

Consenting the American Context of Mucloor Consideraty

Citry G. Borer MQ

by the O. Corquete, MIS

L'Lundon Do<sup>p</sup>uny. NC

ME E Wananin, MC

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Frins J. Th. Vansers, MD. PhD

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Agreement of the American

Junes, E. Wiricha, Mrs

Norm D Hendan CAE

November 28, 2001

#### Pusceel B. Rodrigver, MD

Deur Dr. Kodriguer:

We are plened in inform you that the Bound of Directors of the Configuration Board of Miclear Curdiatery has determined that your score on the written many deput (Deturn 28, 200) more the standards it has cuablished the cartification in auchar sacing any. Congratulations on your achievement

TO #: 1001210

TUTAL

A passing score of 72% contest was determined by an independent public prove superscript, the disciplings involved in the provise of auctors exclude gu strikes, find both providing the and seadentis. This percenting is equivalent to a total of 126 contest providences on the 2001 exception.

The number of eventions you answered correctly was 146 (83,4% gooded). The effected chart shows the number of correct ensures you had for each of the contestington.

As you may recall, the application three which you completed environmenting "List maps as you wish it to appear an certificate if you mixed which yous the stand. Frinceture, we will honor your request. You can expect receipt of the certificate in approxidities this weeks.

It is important for future mailings and directories that you keep the CHAC hondquarties office informed of any address charges.

On Inchalf of the Board of Directors, I with to thank you for your participation in the CONC extendation and credentialing process.

Sincerely, Miller

Manuel D. Conjucite, M.D. President

Enclosure

PERSONAL INFORMATION WAS REMOVED BY NRC. NO COPY OF THIS INFORMATION WAS RETAINED BY THE NRC.

THE CERTIFICATION BOARD OF INUCLEAR CARDIOLOGY Roger H. Coletti, MD HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION, A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF NUCLEAR CARDIOLOGY

FOR THE PERIOD 2003 THROUGH 2013

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CINTIPICAT



OCTOBER 26, 200

# THE CERTIFICATION BOARD OF NUCLEAR CARDIOLOGY

Marc E. Colmer, M.D.

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION,

IS HEREBY DESIGNATED

A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF

## **NUCLEAR CARDIOLOGY**

FOR THE PERIOD 2000 THROUGH 2010

CERTIFICATE # 1650

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**OCTOBER 29, 2000** 

- 1995 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 THE CERTIFICATION BOARD OF NUCLEAR CARDIOLOGY **N**PA Steven Jon Daniels, MD HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION, IS HEREBY DESIGNATED A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF NUCLEAR CARDIOLOGY FOR THE FERIOD 2003 THROUGH 2013 REMORN CURTIFICATE # 2782 OCTOBER 26, 2003

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#### Certification Board of Nuclear Cardiology

9929 Main Streel Suite C Damascus, MD 20872 Phone: (301) 253-7122 Fax: (301) 253-7123 E-mail: obnc@starpower.net Internet webpage: www.ctanc.org

#### December 17, 2003



1D #: 2003220

**BOARD OF DIRECTORS** 

Representing the American Society of Nuclear Cardiology

Manuel D. Cerqueira, MD

Robert J. Gropler, MD

John J. Mahmanan, MD

Sleven C. Port. MD

Jeffrey A. Rosenblatt, MD

James C. Tatum, MD.

Witkem A. Van Decker, ND

Frans J. Th. Wackers, MO. PhD

Representing the American College of Cardiology

James E. Udelson, MD

William D Notigan III. CAE Executive Director Dear Dr. DeVita:

We are pleased to inform you that the Board of Directors of the Certification Board of Nuclear Cardiology has determined that your score on the written examination of October 26, 2003 meets the standards it has established for certification in nuclear cardiology. Congratulations on your achievement!

A passing score of 129 questions correct was determined by an independent panel of peers, representing the disciplines involved in the practice of nuclear cardiology, drawn from both private practice and academia,

The number of questions you answered correctly was 130. The attached chart shows the autuber of correct answers you had for each of the content areas.

As you may recall, the application, form which you completed carried the wording "List name as you wish it to appear on certificate if you successfully pass the exam." Therefore, we will honor your request. Certificates will be mailed by February 1, 2004.

#### It is important for future mailings that you keep the CBNC headquarters office informed of any address changes and so that the information in our online vertification database is correct.

On behalf of the Board of Directors, I wish to thank you for your participation in the CBNC examination.

Sincerely, Malling

Manuel D. Cerqueira, M.D. President

Enclosure

PERSONAL INFORMATION WAS REMOVED BY NRC. NO COPY OF THIS INFORMATION WAS RETAINED BY THE NRC.

CERTIFICATION BOARD OF NUCLEAR CARDIOL CERTIFICATION BOARD OF NUCLEAR CARDIOL CERTIFICS THAT Murat Karatepe, MD HAVING MET THE REQUIREMENTS PRESCRIPED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION, IS HEREBY DESIGNATED A DIFLOMATE CERTIFIED IN THE SUBSPECIALTY OF NUCLEAR CARDIOLOGY FOR THE PERIOD 2001 THROUGH 2011 in MD SECRETAR 2004 8 Ocrosia 28, 2001 Capation \$ 20617 R



#### Certification Board of Nuclear Cardiology

9929 Main Street Suite C Damascus, MD 20872 Phone: (301) 253-7122 Fax: (301) 253-7123 E-mail: cbnc@starpower.net Internet webpage: www.cbnc.org

CBNC is Moving! Note our New Contact Information Below - Valid January 1, 2005 December 10, 2004

BOARD OF DIRECTORS

Representing the American Society of Nuclear Cardiology

James A. Arrighi, MD

Manuel D. Cerqueira, MD-

Robert J. Gropler, MD

Milena J. Henzlova, MD

Steven C. Port, MD

Jeffrey A. Rosenblatt, MD

William A. Van Decker, MD

Frans J. Th. Wackers, MD, PhD

Representing the American College of Cardiology

Kenneth A. Brown, MD

William D. Nelligan III, CAE Executive Director

Dawn M. Edgerton Executive Director Designate Dear Dr. Liu:

Marcia Liu, MD

We are pleased to inform you that the Board of Directors of the Certification Board of Nuclear Cardiology has determined that your score on the written examination of October 24, 2004 meets the standards it has established for certification in nuclear cardiology. Congratulations on your achievement!

A passing score of 125 questions correct was determined by an independent panel of peers, representing the disciplines involved in the practice of nuclear cardiology, drawn from both private practice and academia.

The number of questions you answered correctly was 149. The attached chart shows the number of correct answers you had for each of the content areas. Also enclosed is a press release which you may wish to use to announce your successful completion of the 2004 exam.

As you may recall, the application form that you completed carried the wording "List name as you wish it to appear on certificate if you successfully pass the exam." Therefore, we will honor your request. Certificates will be mailed by February 1, 2005.

It is important for future mailings that you keep the CBNC headquarters office informed of any address changes and so that the information in our online verification database is correct.

On behalf of the Board of Directors, I wish to thank you for your participation in the CBNC examination.

Sincerely,

Mullig

Manuel D. Cerqueira, M.D. President

Enclosures

PERSONAL INFORMATION WAS REMOVED BY NRC. NO COPY OF THIS INFORMATION WAS RETAINED BY THE NRC.

ID #: 2004393

Address as of January 1, 2005: Certification Board of Nuclear Cardiology 19562 Club House Road • Montgomery Village, MD 20886 Ph: +240.631.8151 • F: +240.631.8152 • Email: administration@cbnc.org • Website: www.cbnc.org Monmouth Cardiology

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| (CBNÇ)                                                                                                      | Certification Board of Nuclea                                                                                                                                                                                                                                                             | Cardiology                                                                      |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 9929                                                                                                        |                                                                                                                                                                                                                                                                                           | ) 253-7122 Fax: (301) 253-7123                                                  |
| BOARD OF DIRECTORS<br>Representing the American<br>Society of Nuclear Cardiology<br>Manuel D. Cerqueira, MD | Donald P. Ferri, MD<br>Dear Dr. Ferri:                                                                                                                                                                                                                                                    | ID #: 2003100                                                                   |
| Robert J. Gropler, MD<br>John J. Mahmarlan, MD<br>Sleven C. Port, MD<br>Jeffrey A. Rosenblatt, MD           | We are pleased to inform you that the Board of Direct<br>of Nuclear Cardiology has determined that your score<br>of October 26, 2003 meets the standards it has establis<br>nuclear cardiology. Congratulations on your achievem<br>A passing score of 129 questions correct was determin | on the written examination<br>hed for certification in<br>ent!                  |
| James L. Tatum, MD<br>Wittem A. Van Decker, MD                                                              | of peers, representing the disciplines involved in the p<br>drawn from both private practice and academia.                                                                                                                                                                                | ractice of nuclear cardiology,                                                  |
| Frans J. Th. Wackers, MD, PhD<br>Representing the American<br>College of Cardiology<br>James E. Udelson, MD | The number of questions you answered correctly was<br>shows the number of correct answers you had for each<br>As you may recall, the application form which you co<br>"List name as you wish it to appear on certificate if you                                                           | of the content areas.<br>mpleted carried the wording<br>u successfully pass the |
| William D. Neiligan III, CAE<br>Executive Director                                                          | cxam." Therefore, we will honor your request. Certific<br>February 1, 2004.<br>It is important for future mailings that you keep th<br>office informed of any address changes and so that<br>online verification database is correct.                                                     | e CBNC headquarters                                                             |
|                                                                                                             | On behalf of the Board of Directors, I wish to thank y<br>the CBNC examination.<br>Sincerely,<br>Mulllurg                                                                                                                                                                                 | pu for your participation in                                                    |
|                                                                                                             | Manuel D. Cerqueira, M.D.<br>President<br>Enclosure                                                                                                                                                                                                                                       |                                                                                 |
|                                                                                                             |                                                                                                                                                                                                                                                                                           |                                                                                 |
|                                                                                                             |                                                                                                                                                                                                                                                                                           | .*                                                                              |

PERSONAL INFORMATION WAS RELIDIED BY NOT CONTINUE BY THE NRC.

# THE CERTIFICATION BOARD OF NUCLEAR CARDIOLOGY

# Kenneth B. Harrís, MD

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD FOR PHYSICIANS RESIDING IN THE UNITED STATES AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION,

IS HEREBY DESIGNATED

A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF

# **NUCLEAR CARDIOLOGY**

FOR THE PERIOD 2003 THROUGH 2013

Mins PRESIDEN CERTIFICATE # 2846

SCRETARY.

OCTOBER 26, 2003

## Jersey Shore University Medical Center Department of Medicine Section of Cardiovascular Diseases

# **Credentialing: Interpretation of Nuclear Stress Images**

| Bayavan                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HANNIGG SERVER | Man Status Champen                                                                                               | NG SOLO      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------|--------------|
| <u>a sana kana kana kana kana kana kana kan</u> | en an ar <u>se statis</u> tic de la plantación d |                | and the second |              |
| Aaron, Michael                                  | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Abbud, Ziad                                     | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  | 1            |
| Adelson, Richard                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Ahmad, Tanveer                                  | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Bach, Matt                                      | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Boak, J. Gordon                                 | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Checton, John                                   | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Chu, Tony                                       | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Cohen, Todd                                     | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Coletti, Roger                                  | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Colmer, Marc                                    | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Daniels, Jeffrey                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Daniels, Steven                                 | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| DeVita, Michael                                 | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Ferri, Donald                                   | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Girgis, Ihab                                    | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    | *                                                                                                                |              |
| Harris, Ken                                     | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Karatepe, Murat                                 | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| LaMarche, Nelson                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Liu, Marcia                                     | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    | 12/28/04                                                                                                         | Unrestricted |
| Mattina, Charles                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Mrzyglocki, Marek                               | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Noto, Gregory                                   | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Orlando, James                                  | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Osofsky, Jeffrey                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Patel, Vinesh                                   | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Pierson, James                                  | 12/28/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Resnick, Raymond                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Rizzo, Thomas                                   | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Rodriquez, Pascual                              | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   | · · · ·                                                                                                          |              |
| Rosenbloom, Mark                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Salloum, Ahmad                                  | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   | 1                                                                                                                |              |
| Sandler, Leonard                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Wappel, Michael                                 | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Watson, Rita                                    | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unrestricted   |                                                                                                                  |              |
| Weiss, Maurice                                  | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| White, Tom                                      | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Yoo, Hojun                                      | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |
| Zukerman, Steven                                | 12/03/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Provisional    |                                                                                                                  |              |

Revised: 12/28/04k

| Physician                     |                                       |       | Test #'s from | t #'s from 2000 - 2004                |            |                           |              |
|-------------------------------|---------------------------------------|-------|---------------|---------------------------------------|------------|---------------------------|--------------|
| /                             |                                       |       | (1-99)        | (100-499)                             | (500-1000) | (>1000)                   | N//          |
| Aaron, Michael R., D.O.       | X                                     | X     |               |                                       |            | 2524                      |              |
| Abbud, Ziad A., M.D.          | -                                     | -     |               | 400                                   |            |                           |              |
| Adelson, Richard, M.D.        | -                                     | X     |               |                                       |            | 3102                      |              |
| Ahmad, Tanveer, M.D.          | X                                     | X     |               |                                       |            | 2250                      | 1            |
| Bach, Matt, M.D.              | -                                     | -     |               |                                       | 657        |                           | 1            |
| Birmingham, George D., M.D.   | -                                     | X     |               | 300                                   |            |                           | N//          |
| Blumenthal, Steven J., M.D.   | -                                     | -     |               |                                       |            |                           | N//          |
| Boak, J.G., M.D.              | -                                     | -     | 1             | 1                                     | 729        | ···· <u></u> ···· <u></u> |              |
| Checton, John, M.D.           | X                                     | X     |               | 293                                   |            | · · · · ·                 |              |
| Chu, Tony N., M.D.            | -                                     | -     | 43            |                                       |            |                           | <b>—</b> —   |
| Clemente, John S., M.D.       | -                                     | X     |               | 1                                     |            | 1500                      |              |
| Clemente, Joseph, M.D.        | -                                     | -     |               | 1                                     |            |                           | N//          |
| Cohen, Joseph, M.D.           | -                                     |       |               | 1                                     |            |                           | N//          |
| Cohen, Todd S., D.O.          | X                                     | X     | <b> </b>      | 1                                     | 861        |                           |              |
| Coletti, Roger H., M.D.       | X                                     | X     | 1             | 272                                   |            |                           | †            |
| Colmer, Marc E., M.D.         | X                                     |       |               |                                       | 500        |                           |              |
| Daniels, Jeffrey S., M.D.     | •                                     |       |               | ·                                     | 664        |                           |              |
| Daniels, Steven J., M.D.      | X                                     | <br>_ |               | 365                                   |            |                           |              |
| DeVita, Michael G., D.O.      | X                                     |       | 83            |                                       |            | ,                         | t —          |
| Eisenberg, Scott R., D.O.     |                                       | X     |               |                                       | 520        |                           | †            |
| Escandon, Pedro, M.D.         |                                       |       |               |                                       | 636        |                           | N//          |
| Ferri, Donald P., M.D.        | X                                     |       | {             | 367                                   |            | ·                         |              |
| Girgis, Ihab, M.D.            |                                       | -     |               | 324 *                                 |            |                           |              |
| Goldman, Daniel S., M.D.      | -                                     |       | 1             |                                       |            |                           | N/.          |
| Guarino, Joseph, Jr., M.D.    |                                       |       | ·             | 247                                   |            |                           | N//          |
| Harris, Kenneth B., M.D.      | X                                     | X     |               | 241                                   | 832        |                           |              |
| Karatepe, Murat, M.D.         | X                                     | -     |               |                                       | 002        | 1200                      | +            |
| LaMarche, Nelson, M.D.        |                                       |       | l             |                                       | 799        | 1200                      |              |
| Liu, Marcia, M.D.             |                                       |       |               | · · · · · · · · · · · · · · · · · · · | 754        | <u></u> .                 |              |
| Mattina, Charles J., M.D.     | X                                     |       |               | 336                                   | 7.04       |                           | <u> </u>     |
| Moosvi, Ali R., M.D.          | -                                     | X 🗠   |               |                                       |            | 1072                      | +            |
| Mrzyglocki, Marek E., M.D.    | x                                     | •     |               | 334                                   |            | 1072                      | <u> </u>     |
| Noto, Gregory, M.D.           |                                       |       | <b> </b>      |                                       | 823        |                           |              |
| Orlando, James, M.D.          |                                       |       |               | 300                                   | 020        | <u></u>                   | N//          |
| Osofsky, Jeffrey L., M.D.     | × ×                                   | -     |               | 335                                   | <b> </b>   |                           | 1            |
| Patel, Nachiket V., M.D.      | + . +                                 | -     |               |                                       |            |                           | N/           |
| Patel, Vineshkumar K., M.D.   |                                       | X     |               | 400                                   |            |                           |              |
| Pierson, Christopher G., M.D. | -                                     |       |               | 250                                   |            |                           | +            |
| Resnick, Raymond S., M.D.     |                                       |       |               | 200                                   | 519        |                           |              |
| Rizzo, Thomas F., M.D.        | -                                     |       | 1             |                                       | 525        |                           |              |
| Robbins, David, M.D.          |                                       |       |               | 200                                   | 525        |                           | <u> </u>     |
| Rodriguez, Pascual, M.D.      | x                                     | -     |               | 200                                   |            |                           | <del> </del> |
| Rosenbloom, Mark A., M.D.     |                                       |       |               | 201                                   | 800        |                           | +            |
| Salloum, Ahmad, M.D.          | X                                     | X     |               |                                       | 771        |                           | ┼──          |
| Sandler, Leonard L., M.D.     |                                       |       |               | 200                                   | (1)        |                           | <del> </del> |
| Sayan, Ahmet R., M.D.         |                                       | •     |               | 300                                   |            |                           | - N1/        |
|                               | -                                     |       |               | 000                                   |            |                           | N/.          |
| Schonmuller, Arnold, M.D.     | -                                     | -     |               | 303                                   |            |                           | N//          |
| Stone, Jay H., M.D.           | · · · · · · · · · · · · · · · · · · · |       |               |                                       |            |                           | N//          |
| Vivona, Vincent, D.O.         | -                                     |       |               | 217                                   |            |                           | N//          |
| Vlahos, Aristotelis E., M.D.  | -                                     | -     |               |                                       |            |                           | N//          |

e

| <u>Physician</u>                                                                                           | CBNC                                  | NRC                                   |               | Nuclear St                             | ress Test #'s                         | : for 2003 |          |
|------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|---------------|----------------------------------------|---------------------------------------|------------|----------|
|                                                                                                            | 00.10                                 |                                       | (1-99)        | (100-499)                              | (500-1000)                            | (>1000)    | N        |
|                                                                                                            |                                       |                                       |               | 1, , , , , , , , , , , , , , , , , , , | · · · · · · · · · · · · · · · · · · · |            |          |
| Wappel, Michael A., M.D.<br>Watson, Rita M., M.D.<br>Weinberger, Barry M., D.O.<br>Weiss, Maurice D., M.D. | X                                     | -                                     |               |                                        |                                       |            |          |
| Watson, Rita M., M.D.                                                                                      | X                                     | X                                     |               |                                        |                                       |            |          |
| Weinberger, Barry M., D.O.                                                                                 | -                                     | -                                     |               |                                        |                                       |            | N        |
| Weiss, Maurice D., M.D.                                                                                    | _                                     | Х                                     |               |                                        |                                       | 1053       |          |
| White, Thomas M., D.O.                                                                                     | **                                    | X                                     |               |                                        |                                       | 2679       |          |
| Wiedermann, Joseph G., M.D.                                                                                | **                                    | -                                     | •             | 173                                    |                                       |            |          |
| Yoo, Hojun, M.D.                                                                                           | -                                     | -                                     |               | 379                                    |                                       |            |          |
| Zukerman, L. Steven, M.D.                                                                                  | -                                     | -                                     |               |                                        | 763                                   |            | <u> </u> |
|                                                                                                            |                                       |                                       |               |                                        |                                       |            |          |
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Jersey Shore University Medical Center Department of Medicine Section of Cardiovascular Diseases

### **CREDENTIALING CHECKLIST**

for the Interpretation of Nuclear Stress Images

Physician

Date

Is a member in good standing of the section of Cardiovascular Diseases

#### AND

 $\Box$  has completed fellowship training in cardiovascular diseases within the preceding 24 months with his or her PD or designee attesting to the applicant's competence in the interpretation of nuclear stress tests

#### OR

□ holds a valid CBNC or CCNC license

#### OR

Whas demonstrated regular and substantial experience in the interpretation of nuclear stress tests as evidenced by the prior interpretation of at least 300 studies. In addition applicants must possess appropriate knowledge of radiation safety procedures and techniques. Such knowledge and competence must be attested to by a CBNC or CCNC licensed cardiologist who has had direct supervisory interaction with the applicant.

#### **Privileges Recommended:**

□ Unrestricted

Provisional

□ None

Elliot Frank, MD Chairman, Department of Medicine

J. Gordon Boak, MD Chief, Section of Cardiology

December 28, 2004

Dr. Frank,

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Please find enclosed additional Nuclear credentialing information re: Dr. Christopher Pierson.

Thanks,

Dr. J.G. Boak

# **RIVERVIEW MEDICAL ASSOCIATES, P.A.**

4 Hartford Drive, Tinton Falls, NJ Tel: (732) 741-3600 Fax: (732) 741-3603 or (732) 741-5268

Joseph G. Boak, Jr. M.D. Iza M. Boesler, M.D. David I. Drout, M.D. Kalyani I. Gardilla, M.D. Thaddeus J. Grabowy, M.D. Stephen S. Jurewicz, M.D. Glenn M. Morgenstern, M.D.

MAILING ADDRESS: P.O. Box 8789 Red Bank, NJ 07701

December 7, 2004

Dr. J. Gordon Boak Chair, Cardiology Department Jersey Shore Medical Center 1945 State Hwy. #35 Neptune, N.J. 07753

**RE:** Nuclear credentials

Dear Dr. Boak:

Dr. Pierson asked me to send a letter to you regarding his nuclear cardiology status at our Physician's Imaging Center.

I am an authorized user on the nuclear license at Physician's Imaging Center, 180 Shrewsbury Avenue, Shrewsbury, New Jersey.

I have taken and passed the board certification of nuclear cardiology performing and interpreting nuclear stress tests at the above sited laboratory.

- (1) Dr. Pierson has worked in this laboratory under my supervision for approximately 6 month performing approximately 8 nuclear stress test procedures per week including exercise Myoview nuclear procedures, pharmacologic Myoview nuclear procedures and Muga scans.
- (2) Dr. Pierson has demonstrated competence to perform and interpret all of these studies. He interprets them on the day that they are performed. Reporting is prompt and precise.
- (3) There are no significant quality assurance or radiation safety issues during his tenure at our institution.

He has demonstrated a satisfactory regard for radiation safety and quality assurance.

I believe that Dr. Pierson has performed a sufficient volume of tests to maintain his current competence in his tenure at our institution.

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MAILING ADDRESS: P.O. BOX 8789 RED BANK, NJ 07701

-2-

Dr. J. Gordon Boak

(4) The recent nuclear license for this laboratory is held by Physician's Imaging Center, Inc., 180 Shrewsbury Avenue, Shrewsbury, New Jersey, Charles E. Rose, Chief Executive Officer.

Very truly yours,

and & David I. Drout, M.D.

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PAGE 03/04

#### 05/12/2004 13:59 7322358722



Frank J. Lumia, M.D., FACC Assistant Chat, Department of Cardiology Co-Director, Section of Nuclear Medicine 609-735-2920/FAX 609-735-1659 e-mail: filumis/279aci.com

May 29, 1998

Anthony Yudd, M.D. Department of Nuclear Medicine Robert Wood Johnson University Hospital New Brunswick, New Jersey

Re: Nuclear Cardiology Fellows

Dear Dr. Yudd::

During the current academic year there were 3 Fellows from Robert Wood Johnson who rotated to Deborah's Section of Nuclear Medicine and handled isotopes. They were Drs. Zaid Abbud, Jean DeMosa, and Rachana Kulkami.

Dr. Abbud spart 3 months at Deborah. During the first month the Fellows do not handle isotopes. He performed 70 stress studies. During his 2 months as an injector (December 1997 and April 1998), he performed 12 stress thallium studies, 2 stress first pass angiograms, 7 persantine thalliums, 14 stress MIBI, and 8 resting perfusion and/or functional assessment studies. However, shoe we read all studies as a group, all the Fellows participate in the interpretation of about 250 thallium-201 perfusion images, thallium and technetium-99m sestamibi perfusion and function studies, gated SPECT studies, gated and first pass nuclide angiograms, and technetium-99m pyprophosphate studies each month.

Dr. DeMoss spent 2 months as a non-injector during which time she performed 124 stress studies. She handled isotopes during June 1997. During that month she performed 18 stress thellium studies, 5 stress MIBIs and 7 resting first pass angiograms. Again during her 3 months she participated in the interpretation of several hundred studies as described above.

Dr. Kulkami spent a total of 3 months as a non-injector. During those months she received credit for 231 stress studies. She spent an additional 2 months (February and May 1998) as an injecting Fellow. She performed 25 stress thallium studies, 14 persantine studies, 36 stress MIBIS, and 13 resting functional or perfusion studies. She also participated in the interpretation of several hundred studies during our reading sessions.

Debotab Heart and Lung Center • Deborah Hospital Foundation • Deborah Research Institute Brown Mills New Jersey 04015

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PAGE 84/84

If you have any questions about the information, I will be back at Deborah on June 8<sup>th</sup>. We certainly have enjoyed working with this year's Fellows and look forward continuing our participation in their training.

Thank you.

Sincerely,

Frank J. Lumia, M.D.

Assistant Chair, Department of Cardiology

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1300 HIGHWAY 35 PLAZA II, SUITE 102 OCEAN, NEW JERSEY 07712 PHONE: 732,663,1123 FAX: 732,663,1179

ZIAD ABBUD, M.D., F.A.C.C. Board Certified in Interventional Cardiology

> VINESH PATEL, M.D. Invasive Cardiology

BEVERLY DEMCHUK, M.D., F.A.C.C. Board Certified in Interventional Cardiology

December 2, 2004

Gordon Boak, MD Chief of Cardiology Jersey Shore University Modical Center 1945 Route 33 Neptune, NJ 07753

Re: Ziad Abbud MD., FACC

Dear Dr. Boak:

This is to certify that Dr. Ziad Abbud has independently performed and interpreted nuclear stress tests over the past several years.

Since his completion of his fellowship in cardiology in 1998, Dr. Abbud has been continuously performing nuclear stress tests independently in excess of 300 test per year. His volume of such tests exceeded 400 in the past 12-months.

Once again, thank you for your attention, and please feel free to contract me if any further information is needed.

Sincerely

Ziad Atbad, MD FACC

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# <u>UMD</u>

University of Medicine and Dantistry of New Jersey Robert Wood Johnson Medical School

Department of Radiology Phone: {908} 235-7721/7722/7723 Fax: (908) 233-6889 One Robert Wood Johnson Place . CN 19 New Brunswick, New Jersey 06903-0019

June 30, 1998

#### RE: DR. ZIAD ABBUD

7322358722

To Whom It May Concern:

This letter is to certify that Dr. Ziad Abbud has gained clinical and technical expertise in nuclear cardiology at Robert Wood Johnson University Hospital as well as Deborah Heart and Lung Center. This expertise was gained during his cardiology fellowship dating from July 1995 through June 1998. While at Robert Wood Johnson University Hospital Dr. Abbud has been active in the performance and interpretation of nuclear cardiology imaging procedures. These procedures include exercise, pharmacologic stress, and resting myocardial perfusion examinations employing thallium as well as technetiumbased agents, blood pool imaging as well as infarct avid imaging.

During this period Dr. Abbud has spent 4-1/2 months in formal non-invasive stress/ imaging and nuclear medicine rotations as well as correlation of nuclear cardiology procedures while on his clinical rotation. Dr. Abbud's exposure to nuclear cardiology has also included didactic monthly conferences, case presentations, and clinical conferences during his rotation through nuclear cardiology. During his 4-1/2 months' experience in these rotations he has actively participated in over 600 myocardial perfusion exuminations including planar, SPECT, and gated SPECT techniques. Dr. Abbud has also been involved in greater than 100 gated blood pool imaging studies. During his rotation through the Nuclear Medicine Department he gained experience in quality control/assurance, dose calibrators and survey meters, administration of radiopharmaceuticals, computer processing, radiation safety, as well as general operation of our facility in compliance with the NRC regulations. Dr. Abbud has accrued 750 hours of clinical and work experience in nuclear medicine at Robert Wood Johnson University Hospital.

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The University is an affirmative action/equal opportunity employer

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PAGE 02/04

June 30, 1998 RE: Dr. Ziad Abbud Page 2

Dr. Abbud also gaived experience during his rotation at Deborah Heart and Lung Center. Please find attached a copy of a letter from Dr. Frank Lumía describing Dr. Abbud's experience at Deborah Heart and Lung Center in the second paragraph of the letter. Dr. Abbud rotated through nuclear cardiology for three months at Deborah Heart and Lung Center. Dr. Lumia credits him with two months of clinical and technical work experience toward NRC licensure. This would represent 333 hours.

Dr. Abbud has accrued greater than 1000 hours of clinical work experience in nuclear medicine combining his experiences at Robert Wood Johnson University Hospital and Deborah Heart and Lung Center.

If I can provide any further information regarding Dr. Abbud's training, you may contact me at the above address or by phone at 732-937-8612.

Sincerely

Anthony

Clinical Associate P cisor. Department of Radiology UMDNJ-Robert Wood Johnson Medical School

Chief, Division of Nuclear Medicine Robert Wood Johnson University Hospital

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Enclosure

# Coastal Cardiovascular Consultants, P.A.

Practice Limited to Cardiovascular Disease

Pedro J. Escandon, M.D., FACC Thomas M. White, D.O., FACC Ahmad Salloum, M.D. Hojun Yoo, M.D.

459 Jack Martin Blvd., Brick, NJ 08724 Phone: (732) 458-6200 Fax: (732) 458-9464 1930 Hwy. 35 Wall, NJ 07719 Phone: (732) 974-8800 Fax: (732) 974-8609

December 01, 2004

Jordon Boak, MD, Chief of Cardiology Jersey Shore University Medical Center 1945 State Hwy 33 Neptune, NJ 07754

Dear Dr. Boak:

I am writing this letter in support of my associates at Coastal Cardiovascular Consultants, Dr. Thomas M. White and Dr. Hojun Yoo for obtaining full privileges for performing and interpreting nuclear cardiac stress tests.

I was asked to write this letter given the fact that I do hold Certification of the Board of Nuclear Cardiology. As you know, I have been a member of this Cardiology Group since August 1, 2002, and I have had the chance to work with both Dr. White and Dr. Yoo and they both have demonstrated competence in performing and interpreting nuclear cardiology tests and they have done so promptly. They have both performed sufficient volumes of tests to maintain current competence. They have demonstrated an exemplary regard for quality and radiation safety policies with no significant radiation safety issues or Q/A.

In summary, I do wholeheartedly support both Dr. Thomas M. White and Dr. Hojun Yoo for full privileges of interpreting and performing nuclear stress tests.

If I could be of any further help, please do not hesitate to contact me.

Sincerely yours, A-Sallan, MP

AHMAD SALLOUM, M. D. Diplomate in Internal Medicine, Diplomate in Cardiovascular Medicine, Diplomate in Nuclear Cardiology, and Diplomate in Transthoracic and Transcoophageal Echocardiography.

AS/raj/mar

cc: Elliott Frank, MD

DICTATED BUT NOT PROOFREAD

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NON-INVASIVE, INVASIVE, INTERVENTIONAL, NUCLEAR CARDIOLOGY ELECTROPHYSIOLOGY & CARDIAC PACING CRITICAL CARE MEDICINE

215 Brighton Avenue, Long Branch, New Jersey 07740 • 732-222-5143 • (fax) 732-222-4862 www.monmouthcardiology.com

Matt Bach, MD, FACC J. Gordon Boak, MO, FACC John B. Checton, MD. FACC Jeffrey S. Doniels, MD. FACC Sceven J. Daniels, MD, FACC Donald P. Ferri, NO, FACC Deniel S. Goldman, HD. FACC Neison S. LeMarche, ND, FACC Marcia N. Liu. MD. FACC Charles J. Matlina, MD. FACC Marek E. Mizyglodia, MD, MCC Gregory Note, HD, FACC Jeffrey L. Osofsky, MD. FACC Thomes F, Rizzo, MD, FACC Pascual B. Rodriguez, MD, FACC Mark A. Rosenbloom, MD, FACC Rita M. Wetson, HD. FACC Serven Zuherman, MD. EACC

#### Offices:

301 Bingham Avenue Suite C Ocean, NJ 07712 (732) 663-0300 Fai: (732) 663-0301

215 Brighton Avenue Long Branch, NJ 07740 (732) 222-5143 Fait: (732) 222-4862

222 Schenck Roed Suite 104 Freehold, NJ 07728 (732) 431-1332 Fei: (732) 431-1712

565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Fac: (732) 219-9336

2102 Coriles Arenue Neptune, NJ 07753 (732) 776-8535 Fer: (732) 774-9148

Hospital Affiliations:

CentraState Medical Center Jersey Shore Medical Center Mommouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Matt Bach has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding his abilities, please feel free to contact me at anytime.

Sincerel

John B. Checton, MD, FACC, FAHA, CBNC JBC/cc/#0395/df D:11/26/04 T:11/27/04/120104

NON-INVASIVE, INVASIVE, INTERVENTIONAL, NUCLEAR CARDIOLOGY ELECTROPHYSIOLOGY & CARDIAC PACING CRITICAL CARE MEDICINE

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Matt Bach, MD, FAOC J. Gordon Book, MD. TACC John B. Checton, MD. FACC Jeffrey S. Deniels, MD, MCC Steven J. Daniels, MD. FACC Denald P. Furt. MD. FACC Daniel S. Goldman, MD, FACC Nelson S. LaMarche, HD, FACC Marcie N. Liu, MD. FACC Charles J. Mettina, HD. FACC Marek E. Mizyglacki, MD, FACC Gregory Note, MD. FACC Jeffrey L. Osofsky, MO, FACC Thomas F. Rizzo, MD. FACC Pescual B. Rodriguez, MD, FACC Mark A. Resembloom, MD, FACC Rice M. Wetsen, MD, FACC Steven Zulverman, MD. BACC

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CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. J. Gordon Boak has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding his abilities, please feel free to contact me at anytime.

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John B. Checton, MD, FACC, FAHA, CBNC JBC/cc/#0395/df D:11/26/04 T:11/27/04/120104 m . . .

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# Monmouth Cardiology Associates, L.L.C.

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Hespital Affiliations:

CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

I have worked in our lab and have demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. I have performed these studies competently and interpreted the tests in a timely fashion. There have been no quality assurance or radiation safety issues and I have demonstrated satisfactory regard for my staff and patient's radiation safety. I have performed a sufficient volume as recommended by the American College of Cardiology and by the ICANL guidelines.

I am also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory.

If you have any questions regarding my abilities, please feel free to contact me at anytime.

Sincerely

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Hospital Affiliations:

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Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Jeffrey Daniels has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

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Hespital Alliliations:

CentraState Medical Center Jersey Shore Medical Center Manmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Steven Daniels has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Steven Daniels is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

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Offices:

301 Bingham Avenue Suite C Ocean, NJ 07712 (732) 663-0300 Far: (732) 663-0301

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222 Schanck Road Suite 104 Freehold, NJ 07728 (732) 431-1332 Far: (732) 431-1712

565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Fai: (732) 219-9336

2102 Confies Avenue Neptune, NJ 07753 (732) 776-8535 Fait: (732) 774-9148

Hospital AMiliations:

CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlics Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Donald P. Ferri has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Donald Ferri is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding his abilities, please feel free to contact me at anytime.

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565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Fai: (732) 219-9336

2102 Contres Avenue Neptune, NJ 07753 (732) 776-6535 Fat: (732) 774-9148

Hospical Affiliations:

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CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Nelson S. LaMarche has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

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Sincerely

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565 Route 35 Suite 7 Red Bank, NJ 07701 (73.2) 219-9300 Far: (732) 219-9336

2102 Corlles Avenue Neptune, NJ 07753 (732) 776-8535 Fux: (732) 774-9148

Hospital Alliations:

CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Marcia Liu has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. She has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. She has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and she has demonstrated satisfactory regard for the staff's and the patient's radiation safety. She has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Marcia Liu is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding her abilities, please feel free to contact me at anytime.

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CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Charles J. Mattina has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Charles Mattina is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

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Sincere

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565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Fac: (732) 219-9336

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Hospital Affiliations:

CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Marek Mrzyglocki has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Marek Mrzyglocki is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding his abilities, please feel free to contact me at anytime.

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Hespitel Affiliations:

CentraState Medical Center Jersey Shore Medical Center Montrowth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Gregory Noto has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

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Offices:

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Hospital AMlietions:

CentreState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Jeffrey L. Osofsky has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Jeffrey Osofsky is also certified by the Ccrtification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding his abilities, please feel free to contact me at anytime.

Sincerely

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Mats Bach, MD. FACC J. Gordon Boak, MO, FACC John B. Checton, MO, TACC Jeffrey S. Doniels, MD. FACC Steven J. Daniels, MD. MCC Donald P. Ferri, ND. EKCC. Deniel S. Goldman, MD, FACC Nelson S. Lablarche, HD. FACC Marcia N. LIU, MD, MCC Charles J. Mettine, MD. FACC Marek E. Mizyglocki, MD, FACC Gregory Noto, MD. FACC Jeffrey L. Osofsky, MD, FACC Thomas F. Rizzo, MD. FACC Pescual B. Rodriguez, NO, FACC Mark A. Rosenbloom, ND. PACC Rite M. Wetson, MD, TACC Steven Zukerman, MD. FACE

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565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Far: (732) 219-9336

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Hospital AMilistions;

CentraState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Thomas F. Rizzo has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

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Sincerely N

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222 Schanck Road Suite 104 Freehold, NJ 07728 (732) 431-1332 Fac: (732) 431-1712

565 Rouse 35 Suite 7 Rod Bonk, NJ 07701 (732) 219-9300 Fac: (732) 219-9336

2102 Corties Avenue Neptume, NJ 07753 (732) 776-8535 Fax; (732) 774-9148

Hospital Affiliations:

CentraState Medical Center Jersey Shore Medical Center Monmouch Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Pascual Rodriguez has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studics competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

Dr. Pascual Rodriguez is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

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Sincerely

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Hospital Affiliations: ContraState Medical Center

Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Mark A. Rosenbloom has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myooardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

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2102 Confles Avenue Neptune, NJ 07753 (732) 776-8535 Fai: (732) 774-0148

Mospical Affiliations:

CentreState Medical Center Jersey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Michael Wappel has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

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Matt Bach, MD, FACC J. Gordon Book, HD. FACC John B. Checton, ND. FACC Jeffrey S. Daniels, MD. MCC Steven J. Daniels, MD. FACC Donald P. Ferri, NO. MCC **Daniel S. Goldman, HD. FACC** Nelson S. LoMarche, MD, FACC Marcia N. Liu, MD, FACC Charles J. Mattina, MD, FACC Marek E. Mrzygłocki, MD. FACC Gregory Noto, MD, MCC Jeffrey L. Osofsky, MO. FACC Thomas F. Rizzo, MD. FACC Pascual B. Rodrigvez, MD, FACC Mark A. Rosenbloom, MD, FACC Rice M. Wecson, MD. PACC Steven Zukerman, MD. FACC

Offices:

301 Bingham Avenue Suite C Ocean, NJ 07712 (732) 563-0300 Fair: (732) 663-0301

215 Brighton Avenue Long Branch, NJ 07740 (732) 222-5143 Fax: (732) 222-4862

222 Schanck Road Suite 104 Frechold, NJ 07728 (732) 431-1332 Ferc (732) 431-1712

565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Fac (732) 219-9336

2102 Corties Avenue Neptune, NJ 07753 (732) 776-8535 Fai: (732) 774-9148

Hospital Affiliations:

CentraState Medical Center Jessey Shore Medical Center Monmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Rita Watson has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. She has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. She has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and she has demonstrated satisfactory regard for the staff's and the patient's radiation safety. She has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the JCANL guidelines.

Dr. Rita Watson is also certified by the Certification Board of Nuclear Cardiology (CBNC).

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding her abilities, please feel free to contact me at anytime.

Sincerely,

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NON-INVASIVE, INVASIVE, INTERVENTIONAL, NUCLEAR CARDIOLOGY ELECTROPHYSIOLOGY & CARDIAC PACING CRITICAL CARE MEDICINE

215 Brighton Avenue, Long Branch, New Jcrscy 07740 • 732-222-5143 • (fax) 732-222-4862 www.monmouthcardiology.com

Mart Bach, HD. MCC J. Gordon Boak, MD, FACC John B. Checton, NO. FACC Jeffrey S. Daniels, MD. FACC Steven J. Daniels, MO, FACE Donald P. Ferri, MD, FACC Daniel S. Goldmen, MD. FACC Netson S. LaMarche, MD. FACC Marcie N. Liv, MD. FACC Charles J. Mattine, MD. FACC Marek E. Mizyglochi, ND, FACC Gregory Noto, HD. MCC Jeffrey L. Osofsky, MO, FACC Thomas F. Rizzo, MD. FACC Pascual B. Rodriguez, ND. FACC Mark A. Rosenbloom, MD. FACE the M. Wetson, MO, FACC Steven Zulierman, MO. MCC

Offices:

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565 Route 35 Suite 7 Red Bank, NJ 07701 (732) 219-9300 Fac: (732) 219-9336

2102 Carlies Avenue Neptune, NJ 07753 (732) 776-0535 Fait: (732) 774-9146

Hespital Amilations:

CentraState Medical Center Jersey Shore Medical Center Manmouth Medical Center November 26, 2004

Elliott Frank, M.D. Jersey Shore University Medical Center Medical Staff Office 1945 Corlies Avenue Neptune, NJ 07753

RE: Nuclear Credentialing

Dear Doctor Frank:

Dr. Steven Zukerman has worked in our lab under my supervision and has demonstrated competence in the performance and interpretation of nuclear myocardial scintigraphy with exercise and pharmacologic provocation. He has performed these studies competently and demonstrated a sound knowledge of cardiac physiology and pathology in their interpretation. He has interpreted the tests appropriately and in a timely fashion. There have been no quality assurance or radiation safety issues and he has demonstrated satisfactory regard for the staff's and the patient's radiation safety. He has performed a sufficient number of nuclear cardiac studies in accordance with the recommendations of the American College of Cardiology and the ICANL guidelines.

I am the holder of the ICANL certificate for our laboratory. I am the Nuclear Regulatory Commission licensee for the laboratory, as well as the radiation safety officer for such. We are an ICANL approved laboratory. I am board certified by the CBNC.

If you have any questions regarding his abilities, please feel free to contact me at anytime.

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1820 Corlies Avenue • Suite 4B • Neptune, NJ 07753 • (732) 776-8500 • Fax (732) 776-8946 35 Beaverson Boulevard • Unit 9B • Brick, NJ 08723 • (732) 262-4262 • Fax (732) 262-4317 9 Mule Road • Unit E1 • Toms River, NJ 08755 • (732) 281-1101 • Fax (732) 281-1105 1100 Route 72 West • Suite 306 • Manahawkin, NJ 08050 • (609) 971-3300 • Fax (609) 978-0007

GROUP

Richard Adelson, M.D., FACC, FSCAI Maurice Weiss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D.

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Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

7327768946

December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

I have the pleasure of writing this letter on behalf of Dr. Leonard Sandler's expertise in nuclear cardiology. Dr. Sandler has performed nuclear stress testing and expertise according to the COCAT criteria. He recently sat for the nuclear cardiology board examination (CNBC). He has demonstrated satisfactory clinical skills, radiation safety procedures and accuracy, appropriateness of exercise and pharmacologic stress testing. I have personally reviewed his interpretations of greater than 300 studies and he has demonstrated promptness in preparing reports with 24 hours of the procedure.

Dr. Sandler clearly demonstrates excellence in interpreting nuclear cardiology studies including SPECT myocardial imaging and gated ejection fraction and wall motion studies.

If you require any further information please feel free to contact myself.

Warmest personal regards,

Michael R. Aaron, D.O., FACC Director of Nuclear Cardiology SHORE HEART GROUP

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Richard Adelson, M.D., FACC, FSCAI Maurice Weiss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D. Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

I have the pleasure of writing this letter on behalf of Dr. James Orlando's expertise in nuclear cardiology. As director of nuclear cardiology of Shore Heart Group and the radiation safety officer, I can attest to the fact that Dr. Orlando has performed greater than 300 nuclear stress tests with performance of both exercise and pharmacological stress along with clinical interpretations of the nuclear images and gated ejection fraction and wall motion studies. He has demonstrated above average clinical skills in performing these examinations and interpreting the tests. He has demonstrated adequate knowledge and radiation safety precautions. The appropriateness and accuracy of nuclear cardiology scanning has been delineated along with his promptness in providing reports on the day of the procedure.

Dr. Orlando has demonstrated expertise, as mentioned above, in the clinical performance of nuclear cardiac imaging studies.

If you require any further information please feel free to contact myself.

Warmest personal regards,

Michael R. Aaron, D.O., FACC Director of Nuclear Cardiology SHORE HEART GROUP

1820 Corlies Avenue • Suite 4B • Neptune, NJ 07753 • (732) 776-8500 • Fax (732) 776-8946 35 Beaverson Boulevard • Unit 9B • Brick, NJ 08723 • (732) 262-4262 • Fax (732) 262-4317 9 Mule Road • Unit E1 • Toms River, NJ 08755 • (732) 281-1101 • Fax (732) 281-1105 1100 Route 72 West • Suite 306 • Manahawkin, NJ 08050 • (609) 971-3300 • Fax (609) 978-0007

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Richard Adelson, M.D., FACC, FSCAI Maurice Welss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D.

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Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

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December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

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I have the pleasure of writing this letter on behalf of Dr. Tony Chu's expertise in nuclear cardiology. As director of nuclear cardiology of Shore Heart Group and the radiation safety officer, I can attest to the fact that Dr. Chu has performed greater than 300 nuclear stress tests with performance of both exercise and pharmacological stress along with clinical interpretations of the nuclear images and gated ejection fraction and wall motion studies. He has demonstrated above average clinical skills in performing these examinations and interpreting the tests. He has demonstrated adequate knowledge and radiation safety precautions. The appropriateness and accuracy of nuclear cardiology scanning has been delineated along with his promptness in providing reports on the day of the procedure.

Dr. Chu has demonstrated expertise, as mentioned above, in the clinical performance of nuclear cardiac imaging studies.

If you require any further information please feel free to contact myself.

Warmest personal regards.

Michael R. Aaron, D.O., FACC Director of Nuclear Cardiology SHORE HEART GROUP

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Shore Heart Group

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Richard Adeison, M.D., FACC, FSCAI Maurice Weiss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D. Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

I have the pleasure of writing this letter on behalf of Dr. Raymond Resnick's expertise in nuclear cardiology. As director of nuclear cardiology of Shore Heart Group and the radiation safety officer, I can attest to the fact that Dr. Resnick has performed greater than 300 nuclear stress tests with performance of both exercise and pharmacological stress along with clinical interpretations of the nuclear images and gated ejection fraction and wall motion studies. He has demonstrated above average clinical skills in performing these examinations and interpreting the tests. He has demonstrated adequate knowledge and radiation safety precautions. The appropriateness and accuracy of nuclear cardiology scanning has been delineated along with his promptness in providing reports on the day of the procedure.

Dr. Resnick has demonstrated expertise, as mentioned above, in the clinical performance of nuclear cardiac imaging studies.

If you require any further information please feel free to contact myself.

Warmest personal regards,

Michael R. Aaron, D.O., FACC Director of Nuclear Cardiology SHORE HEART GROUP

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Richard Adeison, M.D., FACC, FSCAI Maurice Weiss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D. Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

I have the pleasure of writing this letter on behalf of Dr. Maurice Weiss' expertise in nuclear cardiology. As director of nuclear cardiology of Shore Heart Group and the radiation safety officer, I can attest to the fact that Dr. Weiss has performed greater than 300 nuclear stress tests with performance of both exercise and pharmacological stress along with clinical interpretations of the nuclear images and gated ejection fraction and wall motion studies. He has demonstrated above average clinical skills in performing these examinations and interpreting the tests. He has demonstrated adequate knowledge and radiation safety precautions. The appropriateness and accuracy of nuclear cardiology scanning has been delineated along with his promptness in providing reports on the day of the procedure.

Dr. Weiss has demonstrated expertise, as mentioned above, in the clinical performance of nuclear cardiac imaging studies.

If you require any further information please feel free to contact myself.

al regards,

Michael R. Astron, D.O., FACC Director of Nuclear Cardiology SHORE HEART GROUP

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Shore Heart Group

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Richard Adelson, M.D., FACC, FSCAI Maurice Weiss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D. Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

I have the pleasure of writing this letter on behalf of Dr. Richard Adelson's expertise in nuclear cardiology. As director of nuclear cardiology of Shore Heart Group and the radiation safety officer, I can attest to the fact that Dr. Adelson has performed greater than 300 nuclear stress tests with performance of both exercise and pharmacological stress along with clinical interpretations of the nuclear images and gated ejection fraction and wall motion studies. He has demonstrated above average clinical skills in performing these examinations and interpreting the tests. He has demonstrated adequate knowledge and radiation safety precautions. The appropriateness and accuracy of nuclear cardiology scanning has been delineated along with his promptness in providing reports on the day of the procedure.

Dr. Adelson has demonstrated expertise, as mentioned above, in the clinical performance of nuclear cardiac imaging studies.

If you require any further information please feel free to contact myself.

Warmest personal regards,

Michael R. Aaron, D.O., FACC Director of Nuclear Cardiology SHORE HEART GROUP

<u>Shore Heart Group</u>

1820 Corlies Avenue · Suite 4B · Neptune, NJ 07753 · (732) 776-8500 · Fax (732) 776-8946 35 Beaverson Boulevard · Unit 9B · Brick, NJ 08723 · (732) 262-4262 · Fax (732) 262-4317 9 Mule Road · Unit E1 · Toms River, NJ 08755 · (732) 281-1101 · Fax (732) 281-1105 1100 Route 72 West · Suite 306 · Manahawkin, NJ 08050 · (609) 971-3300 · Fax (609) 978-0007

Richard Adelson, M.D., FACC, FSCAI Maurice Weiss, M.D., FACC, FSCAI Raymond Resnick, M.D., FACC, FSCAI Leonard Sandler, M.D. Michael Aaron, D.O., FACC Ihab Girgis, M.D., FACC, FACP Tony N.T. Chu, M.D., FACC James Orlando, M.D.

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December 1, 2004

J. Gordon Boak, MD Director of Cardiology Jersey Shore University Medical Center 1945 Highway 33 Neptune, NJ 07753

Via fax 732-776-4472 ATTN: Felicia

Dear Dr. Boak:

I have the pleasure of writing this letter on behalf of Dr. Ihab Girgis' expertise in nuclear cardiology. As director of nuclear cardiology of Shore Heart Group and the radiation safety officer, I can attest to the fact that Dr. Girgis has performed greater than 300 nuclear stress tests with performance of both exercise and pharmacological stress along with clinical interpretations of the nuclear images and gated ejection fraction and wall motion studies. He has demonstrated above average clinical skills in performing these examinations and interpreting the tests. He has demonstrated adequate knowledge and radiation safety precautions. The appropriateness and accuracy of nuclear cardiology scanning has been delineated along with his promptness in providing reports on the day of the procedure.

Dr. Girgis has demonstrated expertise, as mentioned above, in the clinical performance of nuclear cardiac imaging studies.

If you require any further information please feel free to contact myself.

Warmest personal regards,

Michael R. Aaron, D.O., FACC

Director of Nuclear Cardiology SHORE HEART GROUP

This is to acknowledge the receipt of your letter/application dated

2/25/2005 <u>A 3 6005</u>, and to inform you that the initial processing which includes an administrative review has been performed.

AMENDMENT 29-022 34-02 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 366620When calling to inquire about this action, please refer to this control number. You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI) (6-96)

Sincerely, Licensing Assistance Team Leader

| | : (FOR LFMS USE)
: INFORMATION FROM LTS |
|--|--|
| BETWEEN: | : |
| License Fee Management Branch, ARM
and
Regional Licensing Sections | Program Code: 02230
Status Code: 0
Fee Category: 7C
Exp. Date: 20130228
Fee Comments:
Decom Fin Assur Regd: N |

LICENSE FEE TRANSMITTAL

- A. REGION
- 1. APPLICATION ATTACHED

| Applicant/Licensee: | JERSEY | SHORE | MEDICAL | CENTER |
|---------------------|---------|-------|---------|--------|
| Received Date: | 2005030 | 02 | | |
| Docket No: | 300244 | 48 | | |
| Control No.: | 136620 | | | |
| License No.: | 29-0223 | 34-02 | | |
| Action Type: | Amendme | ∋nt | | |

- 2. FEE ATTACHED Amount: Check No.:
- 3. COMMENTS

Signed Date

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for: Amendment Renewal

License

3. OTHER

Signed Date