



HEART &  
VASCULAR  
CLINIC

620 Stanton Christiana Road  
Suite 203  
Newark, DE 19713  
(302) 338-9444  
www.heartandvascularclinic.com

January 13, 2011

U.S. Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406-1415

Dear License Reviewer,

Please amend our Radioactive Materials License (#07-31394-~~00~~<sup>01</sup>), Heart and Vascular Clinic –  
620 Stanton Christiana Road, Suite 203, Newark, DE 19713 to reflect the following:

1. Request to add as authorized user:  
Ashish Parikh, M.D. – an authorized user (see attached documentation) for  
materials use 35.100, 35.200

If you have any questions, please contact Adam M. Henry at 484.366.4054.

Sincerely,

Ashish Parikh, M.D, FACC  
Owner  
01-13-2011

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REGION 1  
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**NMSS/RGN1 MATERIALS-002**

NRC FORM 313A (04-2005)	U.S. NUCLEAR REGULATORY COMMISSION <b>MEDICAL USE TRAINING AND EXPERIENCE                  AND PRECEPTOR ATTESTATION</b>	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2005	
<b>PART I -- TRAINING AND EXPERIENCE</b>			
<b>Note:</b> Descriptions of training and experience must contain sufficient detail to match the training and experience criteria in the applicable regulation (10 CFR Part 35).			
1. Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50) <p style="text-align: right; margin-right: 50px;">10 CFR 35.50 10 CFR 35.290 AUTHORIZED USER</p> <p style="text-align: center; font-size: 1.2em;">Ashish Parikh, MD FACC</p>			
2. For Physicians, Podiatrists, Dentists, Pharmacists -- State or Territory Where Licensed <p style="text-align: center; font-size: 1.2em;">Delaware Medical License C10005634</p>			
<b>3. CERTIFICATION</b>			
a. Provide a copy of the board certification. (Stop here if applying under 10 CFR Part 35, Subpart J or 35.590(a); continue if applying under other subparts.) b. Provide documentation in appropriate items 4 through 10 of training or clinical case work required by 35.50(e); 35.51(c); 35.290(c)(1)(ii)(G) for AU seeking 35.200 authorization; 35.390(b)(1)(ii)(G); 35.396(d)(1) and 35.396(d)(2); 35.590(c); or 35.690(c). c. Provide completed Part II Preceptor Attestation, Items 11a through 11d. Stop here after completing items 3a, 3b, and 3c when using board certification to meet 10 CFR Part 35 training and experience requirements.			
<b>4. INDIVIDUALS IDENTIFIED ON A LICENSE OR PERMIT AS RADIATION SAFETY OFFICERS (RSO), AUTHORIZED USERS (AU), AUTHORIZED MEDICAL PHYSICISTS (AMP), OR AUTHORIZED NUCLEAR PHARMACISTS (ANP) SEEKING ADDITIONAL AUTHORIZATIONS</b>			
a. Provide a copy of the license or broadscope permit listing the current authorization and (b) or (c) b. Complete items 6c (and 10 when training is provided by an RSO, AMP, ANP, or AU) and preceptor items 11b through 11d to meet requirements for: RSO in 35.50(c)(2) or 35.50(e); or AU in 35.290(c)(1)(ii)(G) or 35.390(b)(1)(ii)(G) or 35.590(c) or 35.690(c); or AMP under 35.51(c). c. Complete items 5, 6a, 6b, 10, and Preceptor items 11a through 11d to meet AU requirements in 35.396(a).			
<b>5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical)</b>			
Description of Training	Location	Clock Hours	Dates of Training
Radiation Physics and Instrumentation	Cedars-Sinai medical center Los Angeles	100	1995-96
Radiation Protection	CA 90048	30	↓
Mathematics Pertaining to the Use and Measurement of Radioactivity		20	
Radiation Biology		20	
Chemistry of Byproduct Material for Medical Use		30	
OTHER			
Supervised clinical		500	
Basic training		200	

NRC FORM 313A (04-2005)		U.S. NUCLEAR REGULATORY COMMISSION			
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)					
6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION					
Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience		
Fellowship, Cardiology & Nuclear	Dr. Germano Dr. Bezman	Cedars Sinai Med. Ctr. Los Angeles	500		
Private practice Heart & Vascular clinic. 620, Stanton			2-2010 to present		
- CALIBRATING INSTRUMENTS USED TO DETERMINE THE ACTIVITY OF DOSES & PERFORMING CHECKS FOR PROPER OPERATION OF SURGICAL NEEDLES			100		
- CALCULATING, MEASURING, & SAFELY PREPARING PATIENT OR HUMAN RESEARCH SUBJECT DOSES			100		
- USING ADMINISTRATIVE CONTROLS TO PREVENT A MEDICAL EVENT INVOLVING THE USE OF UNSEALED BY PRODUCT MATERIALS			50		
- USING PROCEDURES TO SAFELY CONTAIN SPILLED RADIOACTIVE MATERIALS & USING PROPER DECONTAMINATION PROCEDURES			50		
6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)					
Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience

NRC FORM 313A (04-2005)		U.S. NUCLEAR REGULATORY COMMISSION			
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)					
6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION					
Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience		
- ADMINISTERING DOSAGES OF RADIOACTIVE DRUGS TO PATIENTS OR HUMAN RESEARCH SUBJECTS			100		
- ELUTING GENERATORS, MEASURING, + TESTING, THE ELUTE + PROCESSING, THE ELUTE W/ REAGENT KITS TO PREPARE LABELED RADIOACTIVE DRUGS			50		
6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)					
Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience

NRC FORM 313A (04-2005)		U.S. NUCLEAR REGULATORY COMMISSION			
MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)					
6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION					
Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience		
ordering, receiving and unpacking radioactive material safety and performing the related radiation	Dr David Grubbs MD, FACC		March 2016 to present		
6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)					
Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience

<p>NRC FORM 313A (04-2006)</p>	<p>U.S. NUCLEAR REGULATORY COMMISSION</p>
<p><b>MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)</b></p>	
<p><b>10. SUPERVISING INDIVIDUAL – IDENTIFICATION AND QUALIFICATIONS</b></p>	
<p>The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is needed to meet requirements in 10 CFR 35, provide the following information for each):</p>	
<p>A. Name of Supervisor _____</p>	<p>B. Supervisor is:  <input checked="" type="checkbox"/> Authorized User      <input type="checkbox"/> Authorized Medical Physicist  <input type="checkbox"/> Radiation Safety Officer      <input type="checkbox"/> Authorized Nuclear Pharmacist</p>
<p>C. Supervisor meets requirements of Part 35, Section(s) _____ for medical uses in Part 35, Section(s) _____</p>	
<p>D. Address _____</p>	<p>E. Materials License Number _____</p>
<p><b>PART II -- PRECEPTOR ATTESTATION</b></p>	
<p><b>Note:</b> This part must be completed by the individual's preceptor. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. This part is not required to meet the training requirements in 35.590 or Part 35, Subpart J (except 35.980).</p>	
<p>I attest the individual named in Item 1:</p>	
<p>11a. <input checked="" type="checkbox"/> has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) _____, as documented in section(s) _____ of this form.</p>	
<p>11b. Select one  <input type="checkbox"/> meets the requirements in <input type="checkbox"/> 35.50(e), <input type="checkbox"/> 35.51(c), <input type="checkbox"/> 35.390(b)(1)(ii)(G), <input type="checkbox"/> 35.690(c) for _____ types of use, as documented in section(s) _____ of this form.  <input checked="" type="checkbox"/> N/A</p>	
<p>11c. <input type="checkbox"/> has achieved a level of competency sufficient to operate a nuclear pharmacy (for 35.980); <b>OR</b>  <input type="checkbox"/> has achieved a level of competency sufficient to function independently as an authorized _____ <u>USER</u> for <u>10 CFR .100 + 200</u> uses (or units); <b>OR</b>  <input type="checkbox"/> has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee; <b>OR</b>  <input checked="" type="checkbox"/> N/A</p>	
<p>11d. <input type="checkbox"/> I am an Authorized Nuclear Pharmacist; <b>OR</b> <input type="checkbox"/> I am a Radiation Safety Officer; <b>OR</b>  <input checked="" type="checkbox"/> I meet the requirements of <u>35.290</u> section(s) of 10 CFR Part 35 or equivalent Agreement State requirements to be a preceptor <input checked="" type="checkbox"/> AU or <input type="checkbox"/> AMP for the following byproduct material uses (or units): _____</p>	
<p>A. Address  <u>THE HEART + VASCULAR CLINIC</u>  <u>620 STANTON-CHRISTIANA RD STE 203</u>  <u>NEWARK, DE 19713</u></p>	<p>B. Materials License Number  <u>07-31394-01</u></p>
<p>C. NAME OF PRECEPTOR (print clearly)  <u>[Signature]</u></p>	<p>D. SIGNATURE - PRECEPTOR  <u>TJ GROSS MD</u></p>
<p>E. DATE  <u>1-13-2011</u></p>	

# Certificate of Training

Awarded To

*Ashish Parikh*

Recognizing completion of 5 days of specialized instruction in

## Medical Radiation Safety Officer

October 30, 2009

Presented By

***Radiation Safety Academy***

A Division of Dade Moeller & Associates

438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877

[www.radiationsafetyacademy.com](http://www.radiationsafetyacademy.com) -- 301-990-6006

ABIH has awarded this course 4.5 CM Points, CM Approval #09-217

AAHP has awarded this course 32 Continuing Education Credits, 2006-00-015

ARRT and SNMT has awarded this course 35.5 CEH's, 024551-024555

*Ray Johnson*

Ray Johnson, MS, PE, FHPS, CHP  
Vice President, Training Programs





CEDARS-SINAI MEDICAL CENTER

Dr. Ashish Parikh  
[REDACTED]

Los Angeles, 11 March 1997

To whom it may concern:

This is to certify that Ashish Parikh, M.D. has taken the radiation safety test (Donna Earley), the computer test (David Brown/Ken Van Train) and the Physics/instrumentation test (Guido Germano/Dennis Chapman), administered to all residents and fellows in 1995-96 at Cedars-Sinai Medical Center. His overall score was 79%, which we judge to be a passing grade for the 1995-96 class. Consequently, I have no objection to his being certified as having successfully completed our course.

The course gave Dr Parikh acceptable training for and experience in the medical use of radioactive materials, matching the guidelines issued by the Department of Health Services of the State of California and also recognized in other countries by the SOCIETY OF NUCLEAR MEDICINE (SNM). The guidelines for training of radiology residents and cardiology fellows in nuclear medicine are formulated by the Education and Training Committee of the SOCIETY OF NUCLEAR MEDICINE, based on recommendation from education belonging to Nuclear Medicine, Cardiology and Diagnostic Radiology training programs at well as accredited universities and hospitals.

The training requirements for imaging localization studies and/or the use of generators and reagent kits for preparation of radiopharmaceuticals as in our course, are as follow:

- Training in basic radionuclide handling techniques (200 hours):
  - Radiation physics and instrumentation (100 hours)
  - Radiation protection (30 hours)
  - Mathematics, statistics and computer sciences pertaining to the use and measurement of radioactivity (20 hours)
  - Radiation biology (20 hours)
  - Radiopharmaceutical chemistry (30 hours)
- Supervised clinical training (500 hours)
- Quality assurance tests on dose calibrators, diagnostic instruments and survey instruments.

Dr Ashish Parikh has satisfied all the above requirements and is therefore eligible to be licensed to HANDLE RADIOPHARMACEUTICAL DRUGS used in Nuclear Medicine.

Guido Germano, PhD, MBA  
Director, Nuclear Medicine Physics  
Cedars-Sinai Medical Center  
Associate Professor of Radiological Sciences  
UCLA School of Medicine

**CERTIFICATION COUNCIL OF NUCLEAR CARDIOLOGY**

Incorporated 1996

*CERTIFIES THAT*

*Ashish B. Parikh, 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**

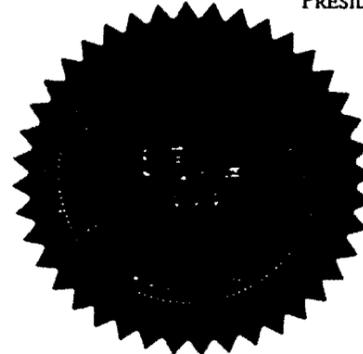
FOR THE PERIOD 1998 THROUGH 2008

*A. J. Kaudran*

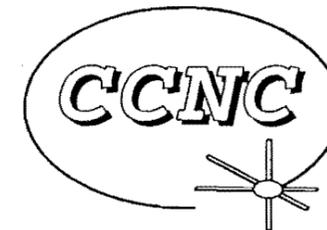
PRESIDENT

*C. J. G. DeLuca, MD*

SECRETARY



CERTIFICATE # 1135



OCTOBER 25, 1998