



# NUCLEAR SOLUTIONS

A DIVISION OF THE TOMAYKO GROUP WWW.TOMAYKOGROUP.COM

Br. 1

August 9, 2010

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

RE: RML # 37-28520-01 Amendment 39

03031697

Dear Inspector:

I would like to amend our radioactive materials license as follows:

Remove the following physicians as authorized users.

Nancy M. Hickey, M.D.  
James K. O'Donnell, M.D.  
James G Ryan, M.D.  
Douglas Schulman, M.D.

Please add the following physician as an authorized user for materials  
and uses in 10 CFR 35.200.  
Yaser Kalash, M.D.

Dr Kalash was an authorized user for material and uses regulated by 10 CFR 35.200  
on this license until 1995. Since 1995 Dr Kalash as interpreted and worked  
under the direction of authorized users at hospitals in Western Pennsylvania.  
I have attached a letter from his peer Dr Oliver Caminos who attests to Dr Kalash's  
training and experience since 1995.

If you need anymore information please contact me at 412-427-9284 or 412-490-0302 ex 112.

Sincerely,

Donald Ashton, CNMT NCT  
Executive Director  
The Tomayko Group/TTG Nuclear Solutions

RECEIVED  
700 AUG 16 AM 10:14

573348

NMSS/RGN1 MATERIALS-002



PITTSBURGH CARDIOVASCULAR INSTITUTE

2490 Mosside Boulevard  
Monroeville, PA 15146  
(412) 372-2035/6

July 8, 2010

Dear Sirs:

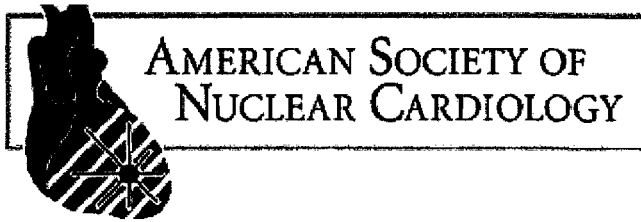
Dr. Yaser Kalash supervised and interpreted approximately 300 nuclear cardiology exams per year from January 1995 until present. This included Myocardial Perfusion Imaging and Gated Blood Pool Equilibrium Exams (MUGA).

Dr. Kalash met the training and experience requirements as defined by 10CFR 35.290 and is competent to work independently as an authorized user with materials and user allowed by 10CFR 35.200.

Please contact me at 412/372-2035 if you should need to speak with me personally.

Sincerely,

Oliver W. Caminos, M.D.  
Cardiology  
Radioactive materials license #: PA-0449



The American Society of  
Nuclear Cardiology  
certifies that

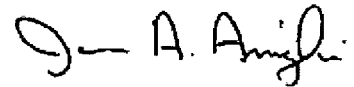
Yaser Kalash, MD

has participated in the educational activity titled

**"Nuclear Cardiology for the Office-Based Practice 2010"**  
held in Philadelphia, PA from April 16 - 17, 2010  
and is awarded 9.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.

The American Society of Nuclear Cardiology designates this  
educational activity for a maximum of 9.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>.  
Physicians should only claim credit commensurate with  
the extent of their participation in the activity.

The American Society of Nuclear Cardiology  
is accredited by the Accreditation Council for  
Continuing Medical Education to provide continuing medical  
education for physicians.



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James A. Arrighi, MD  
Chairman, ASNC Education Committee

[Download Printer-friendly version \(PDF\)](#) | [Return to Certificate List](#) | [Log out](#)

Yaser Kalash, MD  
CME Reporting 2008-2010

<b>Sponsor</b>	<b>Location</b>	<b>Title</b>	<b>Date</b>	<b>Hours</b>
Mayo Clinic	Rochester, MN	Mayo Echocardiography Review Course	March 15-18, 2008	29
Infor Med		Pt. Safety and Risk Management	Dec. 12-13, 2008	12
Mayo Clinic	Rochester, MN	ECHO FOCUS Session	Oct. 2-3, 2009	11.5
Mayo Clinic	Rochester, MN	14 <sup>th</sup> Annual Mayo Cardiovascular Review Course	Oct. 3-8, 2009	47.75
Allegheny General Hospital	Pittsburgh, PA	ACLS Renewal Course	Dec. 7, 2009	8
UPMC University of Pittsburgh School of Medicine	Pittsburgh, PA	"Communicating Bad News"	Dec. 9, 2009	1
The American Society of Nuclear Cardiology	Philadelphia, PA	Nuclear Cardiology for the office based practice 2010	April 16-17, 2010	9.25
WVU School of Medicine	Morgantown, WV	End of Life Care & Pain Management	June 21, 2010	2

## YASER KALASH

### PERSONAL INFORMATION

Date of Birth  
Place of Birth  
Citizenship  
Home Address

Cellular Phone  
Pager

### ACADEMIC RANK/POSITION

1992-Present	<b>Consultant, Department of Internal Medicine Division of Cardiology</b> <ul style="list-style-type: none"><li>• The Western Pennsylvania Hospital 4800 Friendship Ave. Pittsburgh, PA 15224 (412) 578-5000</li><li>• UPMC Shadyside Hospital 5230 Centre Ave. Pittsburgh, PA 15232 (412) 623-2140</li><li>• Forbes Regional Hospital 2570 Haymaker Rd. Monroeville, PA 15146 (412) 858-2000</li><li>• West Moreland Jeanette Hospital 600 Jefferson Ave. Jeannette, PA 15644 (724) 527-3551</li><li>• Life Care Hospitals of Pittsburgh 225 Penn Ave. Pittsburgh, PA 15225 (412) 247-2424</li></ul>	Pittsburgh, PA
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### EDUCATION, TRAINING

1972-1978	<b>Aleppo University School of Medicine</b>	Aleppo, Syria
1977-1978	<b>Internship</b> <ul style="list-style-type: none"><li>• Harasta Hospital</li></ul>	Damascus, Syria
1978-1982	<b>Internal Medicine</b> <ul style="list-style-type: none"><li>• Harasta Hospital</li></ul>	Damascus, Syria
1983-1984	<b>Research Aide</b> <ul style="list-style-type: none"><li>• UPMC Presbyterian University Hospital</li><li>• Liver Transplantation Program</li></ul>	Pittsburgh, PA
1985-1986	<b>Residency</b> <ul style="list-style-type: none"><li>• St. Elizabeth Hospital</li></ul>	Youngstown, OH

1986-1989

**Internal Medicine**

- Grant Hospital

Chicago, Illinois

1989-1992

**Fellowship**

- UPMC Shadyside Hospital
- Department of Cardiology

Pittsburgh, PA

**CERTIFICATION AND  
LICENSURE**

1991

**Board Certification**

- American Board of Internal Medicine

1995

**Board Certification**

- American Board of Internal Medicine
- Subspecialty of Cardiovascular Disease

2006

**Board Re-Certification**

- Cardiovascular Disease

**Medical Licensure**

- State of Pennsylvania

**ACHIEVEMENTS AND  
AWARDS**

Anatomy, Best Medical Student

- Guest Lecturer at University of Aleppo
- University of Damascus

Research Project

- Analysis of False Positive Thallium-201
- Test Utilizing the Bull's Eye Program

1989

Cardiology Fellowship Award

- Recanalizing Wire of Total and Subtotal Occlusion

**PUBLICATIONS**

- Lindsey, R.L., Saporito, P.C., Kalash, Y., "Triple Balloon-on-a-Wire- or Menage a Trois' Coronary Angioplasty," Catheterization and Cardiovascular Diagnosis, 27:000-00, (1992).

**EXPERIENCE**

- Transesophageal Echocardiography/Stress Echocardiography
- Nuclear Medicine (Licensed)
- Peripheral Vascular Disease
- Permanent Pacemaker

## MATERIALS LICENSE

Amendment No. 07

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 June 1, 1995,	
1. Cardiac Fitness, Incorporated		3. License Number 37-28520-01 is amended in its entirety to read as follows:	
2. 5438 Centre Avenue, 1st Floor Pittsburgh, Pennsylvania 15232		4. Expiration Date August 31, 2000	
		5. Docket or Reference No. 030-31697	
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Any byproduct material identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200 except generators and gas	B. As needed	
9. Authorized use			
A. Any uptake, dilution and excretion procedure approved in 10 CFR 35.100.			
B. Any imaging and localization procedure approved in 10 CFR 35.200.			

## CONDITIONS

10. A. Licensed material may be used at the licensee's facility located at the licensee's facilities at 5438 Centre Avenue, 1st Floor, Pittsburgh, Pennsylvania and 3330 Peach Street, Erie, Pennsylvania.
- B. Licensed material may be used at client's medical care facilities located in the Commonwealth of Pennsylvania, and States of Ohio and West Virginia.
11. The Radiation Safety Officer for this license is Charles Crispino, M.D.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized UsersMaterial and Use

Charles Crispino, M.D.	35.200 for cardiovascular clinical procedures
Lawrence A. Bucklew, M.D.	35.200 for cardiovascular clinical procedures
Mark Schmidhofer, M.D.	35.200 for cardiovascular clinical procedures
Andres Ticzon, M.D.	35.200 for cardiovascular clinical procedures
Makum Ramesh, M.D.	35.200 for cardiovascular clinical procedures
Parminder Sharma, M.D.	35.200 for cardiovascular clinical procedures

MATERIALS LICENSE  
SUPPLEMENTARY SHEETLicense number  
37-28520-01Docket or Reference number  
030-31697

Amendment No. 07

(12. Continued)

## CONDITIONS

Authorized UsersMaterial and Use

Gerald Meyers, M.D.	35.200 for cardiovascular clinical procedures
Eugene Danko, M.D.	35.200 for cardiovascular clinical procedures
Wayne Greenberg, M.D.	35.200 for cardiovascular clinical procedures
Stanley Grossman, M.D.	35.200 for cardiovascular clinical procedures
Karamaker Shetty, M.D.	35.200 for cardiovascular clinical procedures
Benedict P. Mariano, M.D.	35.200 for cardiovascular clinical procedures
Ratan S. Shah, M.D.	35.200 for cardiovascular clinical procedures
Francis Pessolano, M.D.	35.200 for cardiovascular clinical procedures
Praful Vora, M.D.	35.200 for cardiovascular clinical procedures
David Obley, M.D.	35.200 for cardiovascular clinical procedures
Mark Salerno, M.D.	35.200 for cardiovascular clinical procedures
Gerald Stanley, M.D.	35.200 for cardiovascular clinical procedures
Yaser Kalash, M.D.	35.200 for cardiovascular clinical procedures
Stephen R. DeLong, M.D.	35.100; 35.200
Gary Haverty, D.O.	35.100; 35.200
Kuberan Tirumalasetty, M.D.	35.100; 35.200
Leonard Coover, M.D.	35.100; 35.200
Charles Bathrick, M.D.	35.100; 35.200
Paul McGeehan, M.D.	35.100; 35.200
Ragoor Kumar Reddy, M.D.	35.200 for cardiovascular clinical procedures
Franklin B. Onley, M.D.	35.100; 35.200 for cardiovascular clinical procedures
Rudy J. Nicolas, M.D.	35.100; 35.200 for cardiovascular clinical procedures
Kenneth J. Rogers, M.D.	35.200 for cardiovascular clinical procedures
Thomas Bauman, M.D.	35.100; 35.200
Robert C. Farmer, M.D.	35.100; 35.200
Charles E. Mason, M.D.	35.100; 35.200
John V. O'Connor, M.D.	35.100; 35.200
Joel Keats, M.D.	35.100; 35.200
Samuel McCarter, M.D.	35.100; 35.200
M. I. McClain, M.D.	35.100; 35.200
Harry G. Kennedy, M.D.	35.100; 35.200
Douglas G. Burnette, M.D.	35.100; 35.200
Robert J. Tallaksen, M.D.	35.100; 35.200
Edward F. Downey, D.O.	35.100; 35.200
Gary D. Marano, M.D.	35.100; 35.200
John A. Leon, M.D.	35.100; 35.200
Susan Marie Midcap, M.D.	35.100; 35.200
C. David Burtner, M.D.	35.100; 35.200
Walter Parke Thrush, M.D.	35.100; 35.200
William M. Almasy, M.D.	35.100; 35.200
John C. Turner, M.D.	35.100; 35.200
Andrew W. Goodwin, M.D.	35.100; 35.200
Anwarullah Kahn, M.D.	35.200 for cardiovascular clinical procedures
Edward Szabo, M.D.	35.200 for cardiovascular clinical procedures
Scott Fisher, M.D.	35.100; 35.200
Paul Janicki, M.D.	35.100; 35.200
Frank Seidelmann, D.O.	35.100; 35.200
John Gallagher, D.O.	35.100; 35.200
Angelo Zerbonia, D.O.	35.100; 35.200



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number 37-28520-01

Docket or Reference number 030-31697

Amendment No. 07

(12. Continued)

**CONDITIONS**

Authorized Users

Material and Use

Arthur Calabrese, M.D.	35.100; 35.200
Thomas Havrilla, M.D.	35.100; 35.200
Leonard Coover, M.D.	35.100; 35.200
LeRoy Moore, M.D.	35.100; 35.200 for cardiovascular clinical procedures

13. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, except for minor changes in the medical-use radiation safety procedures as provided in 10 CFR 35.31. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated June 1, 1995
- B. Letter dated August 7, 1995



For the U.S. Nuclear Regulatory Commission

By

*Eileen J. Rebe*  
Nuclear Materials Safety Branch

Region I  
King of Prussia, Pennsylvania 19406

Date AUG 11 1995

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

8/9/10, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment (37-28520-01)  
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** 573348.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.