

DONOHUE CARDIOLOGY ASSOCIATES

EXCELLENCE IN VASCULAR HEALTH

BOARD CERTIFIED PHYSICIANS IN CARDIOLOGY

CARDIOLOGISTS

BRYAN C. DONOHUE, MD, FACC
CHRISTOPHER C. ALLEN, MD, FACC
KIRK F. MUSSELMAN, MD, FACC
SANJAYA N. SAHETA, MD, FACC
JOHN F. PENSOCK, MD, FACC
YADAVENDRA S. RAJAWAT, M.D.
LINDA GORDON, CRNP
MONCEL LOGAN-DEITZ, PA-C
TAMMY FENDYA, CRNP

OFFICES

WASHINGTON

50 BERRY ROAD
WASHINGTON, PA 15301
PHONE: (724) 222-1125
FAX: (724) 222-1373

SHADYSIDE

AIKEN MEDICAL BUILDING
532 S. AIKEN AVENUE
PITTSBURGH, PA 15232
PHONE: (412) 235-1140
FAX: (412) 235-1141

MONROEVILLE

600 OXFORD DRIVE
MONROEVILLE, PA 15146
PHONE: (412) 235-1140
FAX: (412) 235-1141

MCMURRAY

455 VALLEYBROOK ROAD
MCMURRAY, PA 15317
PHONE: (724) 222-1125
FAX: (724) 222-1373

CENTERVILLE

1070 OLD NATIONAL PIKE
FREDERICKTOWN, PA 15333
PHONE: (724) 632-6801

HOSPITALS

UPMC SHADYSIDE
WASHINGTON HOSPITAL
CANONSBURG HOSPITAL
WEST PENN HOSPITAL
FORBES REGIONAL HOSPITAL

NMSS

2007 DEC 17 PM 1:55

RECEIVED
REGION I

December 10, 2007

Nuclear Regulatory Commission
Materials Licensing Branch
Region I
475 Allendale Road
King of Prussia, PA 19406

37-30735-01

RE: Radioactive Materials License No. 030-36027
Donohue Cardiology Associates
Add physician

We wish to add Dr Yadavendra Rajawat to our radioactive materials license. All necessary documentation is enclosed.

If you have any questions or require additional information, please do not hesitate to call the undersigned at 724-222-1125

Sincerely,

Dr. Christopher Allen, MD
Radiation Safety Officer
Vice President, Donohue Cardiology

141447

NMSS/RGN1 MATERIALS-002



RADIOACTIVE MATERIALS LICENSE

Pursuant to the Radiation Protection Act, the Act of July 10, 1984 (No. 147, P.L. 688) (35 P.S. §§ 7110.101 - 7110.703) and Title 25. Rules and Regulations, Article V. Radiological Health of the Pennsylvania Department of Environmental Protection, and in reliance on statements and representations heretofore made by the Licensee, a license is hereby issued authorizing the Licensee to receive, acquire, possess, transfer, and use radioactive material listed below for the purposes and at the places designated below. This license shall be deemed subject to all applicable rules, regulations, or orders of the Pennsylvania Department of Environmental Protection now or hereafter in effect and to any conditions specified below.

1. Licensee : In response to correspondence dated
Donohue Cardiology Associates : November 14, 2007
: 3. License No. PA-0896 is amended as
2. 50 Berry Road : follows:
Washington, PA 15301 :
: 4. Expiration Date: June 30, 2017

5. Radioactive material (Element & mass number)	6. Chemical and/or physical form	7. Maximum amount that licensee may possess at any one time under this license
A. Any accelerator-produced material permitted by 10 CFR 35.200	A. Any	A. As needed

8. Authorized Use

- A. Any approved imaging and localization procedure permitted by 10 CFR 35.200.

CONDITIONS

9. Licensed material may be used only at the licensee's facilities located at 50 Berry Road, Washington, PA 15301.
10. Radiation Safety Officer: Christopher C. Allen, M.D.
11. Licensed material listed in Item 5 above is authorized for use by, or 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 medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use (10 CFR)</u>
Christopher C. Allen, M.D.	35.200
John F. Pensock, M.D.	35.200
Sanjaya N. Saheta, M.D.	35.200
Yadavendra S. Rajawat, M.D.	35.200



RADIOACTIVE MATERIALS LICENSE

12. The licensee shall conduct a physical inventory every 6 months to account for all sealed sources and devices containing licensed material received and possessed pursuant to 10 CFR 35.65 incorporated by reference.
13. The licensee may transport licensed material, or deliver licensed material to a carrier for transport, in accordance with 25 Pa. Code Chapter 230, "Packaging and Transportation of Radioactive Material" and the provisions of 10 CFR Part 71 incorporated by reference.
14. In addition to the possession limits in Item 7, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified and incorporated by reference in 10 CFR 30.35(d) for establishing financial assurance for decommissioning relative to isotopes with half life greater than 120 days.
15. Notwithstanding the requirements set forth in this license, the license shall comply with the regulations set forth in Title 25 of the Pennsylvania Code Article V "Radiological Health" and the U.S. Nuclear Regulatory Commission, Title 10 Code Of Federal Regulations Parts 19-150 incorporated by reference.
16. 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The Department of Environmental Protection's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Renewal application dated March 27, 2007

**For the Pennsylvania Department
of Environmental Protection**

Ronald J. Hamm
Bureau of Radiation Protection
P. O. Box 8469
Harrisburg, PA 17105-8469

Date: November 28, 2007



**Harris County
Hospital District**

We will create a healthier community and be one of America's best community-owned healthcare systems.

P.O. BOX 66769, Houston, TX 77266-6769



www.hchd.org

**BEN TAUB GENERAL HOSPITAL
1504 Taub Loop
Houston, TX 77030**

June 23, 2006

Certification Board of Nuclear Cardiology
19562 Clubhouse Rd.
Montgomery Village, MD 20886

To Whom It May Concern:

Yadavendra S. Rajawat, M.D. has completed a training program in nuclear cardiology that meets the requirements for Level 2 training as outlined in the ACC/ASNC COCATS Guidelines as revised in 2006.

Dr. Rajawat is competent to function independently as an authorized user under NRC 10 CFR 35.290 uses.

Sincerely,

Juliet A. Wendt, M.D.
Medical Director, Nuclear Medicine
Ben Taub General Hospital and
Assistant Professor of Radiology and Pediatrics
Baylor College of Medicine

RAM License (Texas) L01303

412-578-9839



Cardiology Education
Baylor College of Medicine
1709 Dryden, Ste 9.92
Houston, TX 77030
713-798-0284

Nasser Lakkis, M.D. FACC
Professor of Medicine
Temple and Spencer Chair
Director, Cardiovascular and
Interventional Fellowships
Section of Cardiology

Chief of Cardiology
Ben Taub General Hospital

1709 DRYDEN, SUITE 09.92
HOUSTON, TEXAS 77030
713-798-2083 Office
713-873-4903 Fax
713-798-0286 Fellowship Office
713-798-0277 Fellowship Fax
nlakkis@bcm.edu

April 25, 2007

To Whom It May Concern:

Re: ***Yadavendra Rajawat, M.D.***

Dear Sir/Madam:

This letter serves to confirm that Dr. Yadavendra Rajawat successfully completed all aspects of Cardiovascular Medicine clinical fellowship training at Baylor College of Medicine, Section of Cardiology-Program 1, between July 1, 2003 and June 30, 2006. Dr. Rajawat has completed 36 months in our fellowship program fulfilling training requirements for Cardiovascular Disease board eligibility that includes level 1 training in all disciplines. Levels of training for added qualification are summarized below.

Echocardiography

Dr. Rajawat successfully completed Level I echocardiography training (over 4 months specific training in the Echocardiography laboratory) under the supervision of the Director of the Echocardiography Laboratory, Hisham Dokainish, M.D. and the attending staff.

Our laboratory records indicate that he/she performed and interpreted echoes during training as follows:

Transthoracic Echoes (2D and Doppler) Performed	<u>154</u>
Transthoracic Echoes (2D and Doppler) Interpreted	<u>634</u>
Transesophageal Echoes Performed and Interpreted	<u>50</u>
Intraoperative TEE	<u>0</u>
Stress Echoes Performed and Interpreted.	<u>80</u>

The duration of training, number of procedures performed and his demonstrated competence meet or exceed minimal requirements for training Level I in accordance with the ACC Revised Recommendations for Training in Adult Cardiovascular Medicine Core Cardiology Training II (COCATS 2).

Catheterization and Intervention

Dr. Rajawat spent **12 months** in the catheterization laboratory under the supervision of the laboratory director Nasser Lakkis, MD, and the attending staff. He has performed the following procedures,

▪ Left heart catheterization	451
▪ Femoral Artery	441
▪ Radial/Brachial	10
▪ Right heart catheterization	33
▪ Coronary Angiography	451
▪ Ventriculography	35
▪ PCI	36
▪ Stent	46
▪ POBA	46
▪ IVUS	5
▪ FFR/Flow wire	5
▪ Temporary Pacemaker	20
▪ IABP placement	10
▪ Pericardiocentesis	1
▪ RV endomyocardial biopsy	0
▪ Vascular Closure Device	273
▪ Angiography	20
▪ Balloon Mitral Valvuloplasty	0
▪ Percutaneous ASD/PFO closure	2
▪ Ethanol interventricular septal ablation	0
▪ Permanent pacemaker placement	10
▪ Other procedures	

The duration of training, number of procedures performed and his demonstrated competence meet or exceed minimal requirements for training level **II** in accordance with the ACC Revised Recommendations for Training in Adult Cardiovascular Medicine Core Cardiology Training II (COCATS 2).

Cardiovascular Nuclear Medicine

Dr. Rajawat spent **4 months** in the Cardiac Nuclear Imaging Laboratory under the supervision of the laboratory director Julie Wendt, MD. He has completed radiation safety training and performed or participated in the following examinations,

▪ Didactic, Interpretation and performance	80 h
▪ "Hands on" performance and interpretation	
▪ Perfusion	25
▪ Radionuclide Angiography	10
▪ Case Interpretation	833

The duration of training, number of procedures performed and his demonstrated competence meet or exceed minimal requirements for training **Level II** in accordance with the ACC Revised Recommendations for Training in Adult Cardiovascular Medicine Core Cardiology Training II (COCATS 2).

Electrophysiology

Dr. Rajawat spent 2 **months** with training devoted to Electrophysiology, Cardiac pacing and Arrhythmia management under the supervision of the Director of the Cardiac Electrophysiology, Hue the Shih, M.D. In addition to the above listed procedures, he as performed,

▪ Cardioversion	<u>30</u>
▪ Pacemaker implantation/ICD	<u>36</u>
▪ Diagnostic EP study	<u>15</u>
▪ RF ablation procedure	<u>5</u>
▪ Transseptal catheterization	<u>0</u>

The duration of training, number and type of procedures performed and his demonstrated competence meet or exceed minimal requirements for training **Level** in accordance with the ACC Revised Recommendations for Training in Adult Cardiovascular Medicine Core Cardiology Training II (COCATS 2).

A formal evaluation of residents in training is completed every six months. The performance of Dr. Rajawat has been rated very good. This evaluation assesses medical knowledge, clinical skill, professional behavior and interaction with house staff and hospital personnel. During the period of training that Dr. Rajawat has spent in our program, no disciplinary action has been brought against him and his moral and ethical position has never been put into question.

Dr. Yadavendra Rajawat has demonstrated sufficient professional ability to practice competently and independently.

If you have further questions concerning Dr. Yadavendra Rajawat, please contact our fellowship office at 713-798-0280.

Sincerely,

Nasser Lakkis MD

Nasser Lakkis, M.D.

DISPLAY THIS CERTIFICATE PROMINENTLY • NOTIFY AGENCY WITHIN 10 DAYS OF ANY CHANGE

Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO Box 2649 Harrisburg PA 17105-2649

07 428118

License Type
Medical Physician and Surgeon

License Status
Active

Initial License Date
08/01/2001

Expiration Date
12/31/2008

YDAVENDRA RAJAWAT


License Number
MD417592

Basil L. Meola
Commissioner of Professional and Occupational Affairs

Y Rajawat
Signature

ALTERATION OF THIS DOCUMENT IS A CRIMINAL OFFENSE UNDER 18 PA.C.S. 4911

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

THE AMERICAN BOARD OF INTERNAL MEDICINE

INCORPORATED 1936

ATTESTS THAT

Hadauendra Singh Rajawat

HAS MET THE REQUIREMENTS OF THIS BOARD AND IS HEREBY

CERTIFIED FOR THE PERIOD 2001 THROUGH 2011

AS A DIPLOMATE IN

INTERNAL MEDICINE

Paul G. Ramsey
CHAIR

Douglas P. Zipes
CHAIR ELECT

Janet Vaughan
SECRETARY-TREASURER

Harry R. Levenson
PRESIDENT

J. Daniel Doff
EXECUTIVE VICE PRESIDENT

Joseph S. Albert

James O. Armitage

Bruce R. Bacon

Richard F. Baron

Troy A. Brennan

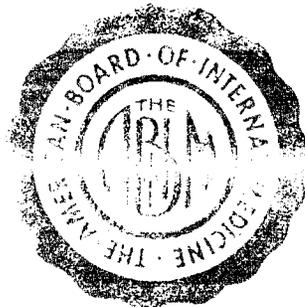
Richard D. DeStigo

Heather E. Gaultje

Michael Stahl

Ronald J. Killen

Tal Mann



Robert D. Horowitz

Holly S. Humphrey

Joseph Lopez

Emo J. Maggajem

James R. Patterson

Joseph J. Balant

Dennis R. Schaberg

W. Michael Schwartz

Donald C. Strossan

Beverly Woo

Kenneth K. Wu

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

12/10/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 37-30735-01 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** 141447.
When 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