

# PORTSMOUTH CARDIOLOGY, INC.

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REGION 1

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D. B. Chough, MD, FACC  
 Edward Skillen, Jr., DO, FACC  
 Phillip R. Goldstein, MD, FACC  
 Jun K. Chung, MD, FACC  
 George A. Sarris, MD, FACC  
 Wayne O. Adkisson, MD, FACC  
 Maria E. Pagtalunan, FNP-C

August 24, 2006

Mike Perkins  
 Licensing Assistant  
 U.S. Nuclear Regulatory Commission  
 Division of Nuclear Materials Safety  
 Region I  
 475 Allendale Road  
 King of Prussia, PA 19406

Reference: Radioactive Materials License No. 45-25377-01

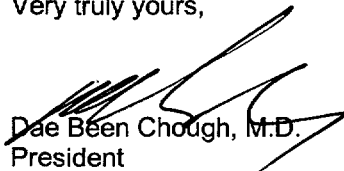
Dear Mr. Perkins:

We would like to request that our radioactive materials license be amended to add George Sarris, M.D. for medical uses identified in 10 CFR 35.200. Documentation of his training and experience is enclosed

Any assistance in expediting this request would be greatly appreciated.

Should there be any questions, or if any further information be required please call me.

Very truly yours,

  
 Dae Been Chough, M.D.  
 President

Enclosure

- Cardiovascular Consultation
- Cardiac and Peripheral Vascular Disease Diagnosis and Treatment
- Cardiac Catheterization
- Cardiovascular Interventional Services
  - Coronary Angioplasty
  - Intracoronary Stent Therapy
  - Peripheral Vascular Angioplasty
  - Intravascular Ultrasound
  - Laser Atherectomy
  - Directional Coronary Atherectomy
  - Rotational Atherectomy
  - Transluminal Extraction Atherectomy
  - Renal Arterial Stent Angioplasty
- Electrophysiology
  - Pacemaker Follow-up Services
  - Temporary & Permanent Pacemaker
  - AICD/Defibrillator
- Heart Failure Evaluation & Treatment
  - Heart Failure Clinic
  - Heart Transplant
  - Endomyocardial Biopsy
- Echocardiography Services
  - Transthoracic
  - Transesophageal
  - Stress
  - Dobutamine
  - Contrast
- Cardiac Stress Testing
- Nuclear Cardiology
- ECG Services
  - Electrocardiography
  - Holter Monitoring
  - Event Recording
- Anticoagulation Management
- Cardiac Wellness Program

3235 Academy Avenue  
 Suite 201  
 Portsmouth, VA 23703

Phone: 757-483-6420  
 Fax: 757-638-4519

139878

NMSS/ROSI MATERIALS-002

**MEDICAL USE TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION**

**PART I -- TRAINING AND EXPERIENCE**

**Note:** 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)

George Sarris, M. D. 10 CFR 35. 290

2. For Physicians, Podiatrists, Dentists, Pharmacists – State or Territory Where Licensed

Virginia

**3. CERTIFICATION**

- 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.

**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**

- 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).

**5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical Physicists)**

Description of Training	Location	Clock Hours	Dates of Training
Radiation Physics and Instrumentation	Corscan Online Studies	80 total hours	4/23-25/04 3/04-7/04
Radiation Protection	Corscan Online Studies	80 total hours	4/23-25/04 3/04-7/04
Mathematics Pertaining to the Use and Measurement of Radioactivity	Corscan Online Studies	80 total hours	4/23-25/04 3/04-7/04
Radiation Biology	Corscan Online Studies	80 total hours	4/23-25/04 3/04-7/04
Chemistry of Byproduct Material for Medical Use	Corscan Online Studies	80 total hours	4/23-25/04 3/04-7/04
OTHER			

**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 materials safely and performing related radiation surveys.	Dae Been Chough, M.D.	Portsmouth Cardiology, Inc. Portsmouth, VA 23703 #45-2537701	7/2001-present
Performing QC procedures on instruments used to determine activity of dosages and performing checks on survey meters.	Dae Been Chough, M.D.	Portsmouth Cardiology, Inc. Portsmouth, VA 23703 #45-2537701	7/2001-present
Calculating, measuring, and preparing patient dosages.	Steven Walter, M.D.	Corscan Plus, UVA #47-25351-01	4/23-25/04
Using administrative controls to prevent a medical event involving the use of unsealed byproduct material.	Steven Walter, M.D.	Corscan Plus, UVA #47-25351-01	4/23-25/04
Using procedures to safely contain spilled radioactive material and decontamination procedures.	Dae Been Chough, M.D.	Portsmouth Cardiology, Inc. Portsmouth, VA 23703 #45-2537701	7/2001-present
Administering dosages of radioactive drugs to patients.	Dae Been Chough, M.D.	Portsmouth Cardiology, Inc. Portsmouth, VA 23703 #45-2537701	7/2001-present
Eluting generator systems in preparation for labeling reagent kits with radioactive materials.	Steven Walter, M.D.	Corscan Plus, UVA #47-25351-01	4/23-25/04

**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
Tc-99m	Cardiolite Stress Test	>2000	Dae Been Chough, M.D.	PCI, #45-25377-01	7/2001-present

**MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**6c. TRAINING FOR SECTIONS 35.50(e), 35.51(c), 35.590(c), or 35.690(c)**

Training Element	Type of Training *	Location and Dates

\* Types of training may include supervised (complete item 10 for 35.50(e), 35.51(c), and 35.690(c)), didactic, or vendor training.

**7. FORMAL TRAINING      Physicians (for uses under 35.400 and 35.600) and Medical Physicists**

Degree, Area of Study or Residency Program	Name of Program and Location with Corresponding Materials License Number	Dates	Name of Organization that Approved the Program (e.g., Accreditation Council for Graduate Medical Education) and the Applicable Regulation (e.g., 10 CFR 35.490)

**8. RADIATION SAFETY OFFICER (RSO) -- ONE-YEAR FULL-TIME EXPERIENCE**

- YES      Completed 1 year of full-time radiation safety experience (in areas identified in item 6a) under supervision.
- N/A      of \_\_\_\_\_ the RSO for License No. \_\_\_\_\_

**9. MEDICAL PHYSICIST -- ONE-YEAR FULL-TIME TRAINING/WORK EXPERIENCE**

- YES      Completed 1 year of full-time training (for areas identified in item 6a) in therapeutic radiological physics (35.961) or medical physics (35.51) under the supervision of \_\_\_\_\_
- N/A      who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51);

**and**

- YES      Completed 1 year of full-time work experience (at location providing radiation therapy services described and for topics identified in item 6a) for (specify use or device) \_\_\_\_\_
- N/A      under the supervision of \_\_\_\_\_ who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51) (specify use or device) \_\_\_\_\_

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

10. SUPERVISING INDIVIDUAL -- IDENTIFICATION AND QUALIFICATIONS

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 Part 35, provide the following information for each) :

A. Name of Supervisor

Dae Been Chough, M.D.

B. Supervisor is:

Authorized User

Authorized Medical Physicist

Radiation Safety Officer

Authorized Nuclear Pharmacist

C. Supervisor meets requirements of Part 35, Section(s)

for medical uses in Part 35, Section(s) 35.50;35.290

D. Address

3535 Academy Ave. Ste. 201  
Portsmouth, VA 23703

E. Materials License Number

#45-25377-01

PART II -- PRECEPTOR ATTESTATION

Note: 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 training requirements in 35.590 or Part 35, Subpart J (except 35.980).

I attest the individual named in Item 1:

11a.

has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) 290 as documented in section(s) 4-10 of this form.

11b. Select one

meets the requirements in  35.50(e)  35.51(c)  35.390(b)(1)(ii)(G)  35.690(c) for types of use, as documented in section(s) of this form.

N/A

11c.

has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); **OR**

has achieved a level of competency sufficient to function independently as an authorized for uses (or units); **OR**

has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee ; **OR**

N/A

11d.

I am an Authorized Nuclear Pharmacist; **OR**  I am a Radiation Safety Officer; **OR**

I meet the requirements of section(s) of 10 CFR Part 35

or equivalent Agreement State requirements to be a preceptor  AU or  AMP

for the following byproduct material uses (or units):

A. Address

3535 Academy Ave. Ste. 201  
Portsmouth, VA 23703

B. Materials License Number

#45-25377-01

C. NAME OF PRECEPTOR (print clearly)

Dae Been Chough, M.D.

D. SIGNATURE -- PRECEPTOR

E. DATE

08/25/2006

*Certificate of Completion  
Authorized User Classroom and Laboratory  
Training Program*

**George Sarris, M.D.**

*has successfully completed 80 hours of classroom and laboratory  
training that included:*

*Radiation physics and instrumentation;*

*Radiation protection;*

*Mathematics pertaining to the use and measurement of radioactivity;*

*Chemistry of byproduct material for medical use;*

*Radiation biology; Generator elution and*

*Review of regulations regarding the medical use of radioisotopes*

**Corscan**

*The Nuclear Imaging Company*  
[www.corscanplus.com](http://www.corscanplus.com)

*Steven W. Walter, MD*

Steven W. Walter, MD  
Program Director  
General Manager and CEO  
Corscan  
910 528-6251  
Authorized User and RSO NRC No. 47-25351-01

July 19, 2006

Date

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

8/24/2006 (RECEIVED 1/19/2007), and to inform you that the initial processing which includes an administrative review has been performed.

- AMEAD. 45-25377-01 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

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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** 139978.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.