



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MEDICAL DEPARTMENT ACTIVITY
FORT KNOX, KENTUCKY 40121-5520



Fax Cover Letter: **Health Physics / Radiation Protection**
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NUCLEAR MEDICINE ATTESTATION FORM

Each diagnostic radiology resident must have completed the nuclear medicine training and experience requirements described in the Nuclear Regulatory Commission (NRC) guidelines, 10CFR 35.290(a)(1) and (a)(2), 10CFR 35.392 (a).

Specifically each resident must have completed a minimum of 700 hours of training and experience in basic radionuclide handling techniques and radiation safety applicable to the medical use of unsealed byproduct material for imaging and localization studies, including classroom and laboratory training in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. As well as, training and experience requirements for oral administration of sodium iodide I-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries).

This will include a minimum of 80 hours of classroom and laboratory training in the following areas:

1. Radiation physics and instrumentation
2. Radiation protection
3. Mathematics pertaining to the use and measurement of radioactivity
4. Chemistry of byproduct material for medical use
5. Radiation biology

This will also include work experience for imaging and localization studies under the supervision of an authorized user, who meets the requirements in 35.290(c)(1)(ii)(G) and 35.390, or equivalent Agreement State requirements, involving the following:

1. Ordering, receiving, and unpacking of radioactive materials safely and performing the related radiation surveys
2. Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters
3. Calculating, measuring and safely preparing patient or human research subject dosages
4. Using administrative controls to prevent a medical event involving the use of unsealed byproduct material
5. Using procedures to safely contain spilled radioactive material and using proper decontamination procedures
6. Administering dosages of radioactive drugs to patients or human research subjects; and
7. Eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs.

This will also include work experience for the oral administration of sodium iodide I-131 requiring a written directive. This experience must be obtained under the supervision of authorized user, who meets the requirements in 35.390(A), 35.390(b), 35.392, 35.394, or equivalent Agreement State requirements. A supervising authorized user, who meets the requirements in 35.390(b) must also have experience in administering dosages as specified in 35.390(b)(1)(ii)(G)(1) or (2). The work experience must involve the following:

1. Ordering, receiving, and unpacking of radioactive materials safely and performing the related radiation surveys
2. Performing quality control procedures on instruments used to determine the activity of

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- 3. Calculating, measuring and performing checks for proper operation of survey meters
- 4. Calculating, measuring and safely preparing patient or human research subject dosages
- 4. Using administrative controls to prevent a medical event involving the use of byproduct material
- 5. Using procedures to safely contain spilled byproduct material and using proper decontamination procedures
- 6. Administering dosages to patients or human research subjects, that includes at least three (3) cases involving the oral administration of less than or equal to 1.22 gigabecquerels (33 millicuries) of sodium iodide I-131.

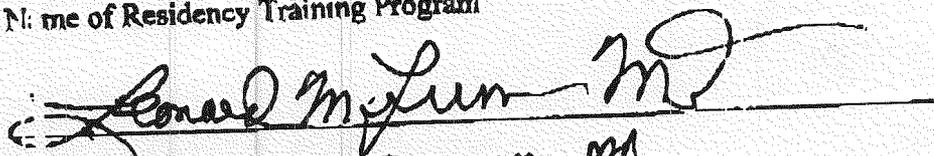
Each resident must have documented these therapies in their logbook.

ATTESTATION

It is to attest that each graduating resident in the diagnostic radiology residency training program at this institution will have completed the nuclear medicine residency training and experience requirements described in the Nuclear Regulatory Commission (NRC) Guidelines, 10CFR35.290(a)(1) and (a)(2), and 10CFR35.390(a)(1) and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10CFR35.100, 10CFR35.200, and 10CFR35.300 that this training has been offered since July 1, 2000.

St Barnabas Hospital – Diagnostic Radiology Residency Program _____

Name of Residency Training Program



EDWARD M. FREEMAN, MD
Residency Program Director /Preceptor (Print Name)

Program Director/Preceptor Signature

Date

American Osteopathic Board of Radiology



certifies that

Tina Mascarenhas, D.O.

having met the prescribed qualifications and standards and
passed the required examinations of this Board,
is qualified as a specialist in

Diagnostic Radiology

and is hereby awarded this certificate for the period from
July 22, 2009 - December 31, 2019

American Osteopathic Association

Jon B. Cooy
Executive Director

Certificate No. 1171

American Osteopathic Board of Radiology

Dennis P. Volkmann FAXR
Chair

J.H. [Signature]
Secretary