



The American Board of Nuclear Medicine

A Member Board of the American Board of Medical Specialties

Program Director's Evaluation of Clinical Competence

One of your trainees has applied to take the ABNM certification examination. The Board requires each trainee to obtain an evaluation from their Nuclear Medicine/Nuclear Radiology Program Director(s). Please complete all items on this form, and send a PDF copy with your signature directly to abnm@abnm.org. Please provide any additional information or comments that will aid the Board in evaluating this trainee's competence and integrity in the space provided on the last page of this form. **Your evaluation is confidential.**

SECTION 1 – Background Information

1. TRAINEE DEMOGRAPHICS *(Please complete this section in its entirety)*

Name of Trainee _____

Trainee Email Address _____

2. PROGRAM DEMOGRAPHICS *-(Please complete this section in its entirety)*

Program Name _____

Program ACGME Number _____ Telephone Number _____

Program Address _____

City _____ State _____ Zip/Postal Code _____ Country _____

Program Director Name _____

Program Director Email Address _____

SECTION 2 – Nuclear Medicine Program Requirements

- CT 6 months, including at least 4 months on a dedicated CT service
- Pediatric nuclear medicine 100 cases
- Radiiodine therapy 30 cases, including at least 10 cases for benign disease and at least 10 cases for malignant disease; at least three cases must use ≤ 33 mCi of sodium I-131, and at least three cases must use >33 mCi of sodium I-131
- Cardiac stress test supervision, exercise or pharmacologic 100 cases
- Parenteral administration of any alpha emitter, beta emitter, or a photon-emitting radionuclide <150 keV, for which a written directive is required 5 cases
- Certified in advanced cardiac life support (ACLS)

Met All Requirements

Did Not Meet Requirements
(Explanation Required)

Explanation *(If Required)*

SECTION 3 – Compliance With NRC Training and Experience Requirements

NUCLEAR REGULATORY COMMISSION TRAINING *This section to be completed only for physicians trained in the United States.*

Diplomates trained in the United States will have "United States" printed under their certificate number, whereas diplomates trained in Canada will have "Canada" printed under their certificate number. These designations allow the NRC to determine which diplomates have fulfilled NRC supervised training and work experience requirements to be an Authorized User, which can only be obtained in the United States under the supervision of an Authorized User.

This trainee has had 60 hours of training and experience including a minimum of 8 hours of classroom and laboratory training in basic radionuclide handling techniques as required by **10 CFR 35.190** (*Training for uptake, dilution, and excretion studies*) under the supervision of an authorized user who meets the requirements under §§35.190, 35.290 or 35.390, or, before October 24, 2005, §§ 35.910, 35.920, or 35.930, or equivalent Agreement State requirements. For specifics please see:

<http://www.nrc.gov/reading-rm/doc-collections/cfr/part035/part035-0190.html>

- Met All Requirements
 Did Not Meet Requirements
(Explanation Required)

This trainee has had 700 hours of training and experience including a minimum of 80 hours of classroom and laboratory training in basic radionuclide handling techniques as required by **10 CFR 35.290** (*Training for imaging and localization studies*) under the supervision of an authorized user who meets the requirements under 35.290 or 35.390 authorized for 35.200 uses, or, before October 24, 2005, 35.920, or equivalent Agreement State requirements. For specifics please see:

<http://www.nrc.gov/reading-rm/doc-collections/cfr/part035/part035-0290.html>

- Met All Requirements
 Did Not Meet Requirements
(Explanation Required)

This trainee has had 700 hours of training and experience including a minimum of 200 hours of classroom and laboratory training in basic radionuclide handling techniques as required by **10 CFR 35.390** (*Training for use of unsealed byproduct material for which a written directive is required*) under the supervision of an authorized user who meets the requirements under 35.390, or, before October 24, 2005, 35.930, or equivalent Agreement State requirements. For specifics please see:

<http://www.nrc.gov/reading-rm/doc-collections/cfr/part035/part035-0390.html>

- Met All Requirements
 Did Not Meet Requirements
(Explanation Required)

This trainee has satisfactorily completed the supervised work and clinical case experience required by the NRC, and has achieved a level of competency sufficient to function independently as an Authorized User.

- Met All Requirements
 Did Not Meet Requirements
(Explanation Required)

Explanation (If Required)

SECTION 4 – ACGME Core Competencies

1. PATIENT CARE *Provides patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health*

- History taking and physical examination: Thorough, accurate, directed toward patient's problems, elicits subtle findings
- Synthesis of clinical data and differential diagnosis: Integrates medical facts and clinical data with logical synthesis weighing alternatives, probabilities, and limitations of knowledge
- Planning and performance of diagnostic nuclear medicine procedures: Applies above knowledge and skills logically towards patient's problems with consideration of correlative procedures, proper sequence, costs and benefits with minimal discomfort and risk to patient
- Interpretation of nuclear medicine results: Applies careful observation, prior experience, knowledge and common sense towards patient's problems
- Planning and performance of radionuclide therapy procedures: Applies above knowledge and skills logically toward treatment of patient's illness with consideration of alternative therapies, costs and benefits, with minimal morbidity and risk to patient.

Outstanding Satisfactory Unsatisfactory (Explanation Required)

SECTION 4 – ACGME Core Competencies CONTINUED

2. MEDICAL KNOWLEDGE *Demonstrates knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care.*

- General medicine
- Physical science & instrumentation
- Technical skill in use of equipment
- Mathematics, statistics, computer science
- Radiation biology & protection Radiopharmaceuticals
- Diagnostic uses *in vitro*
- Diagnostic uses *in vivo*
- Radionuclide therapy

Outstanding Satisfactory Unsatisfactory (Explanation Required)

3. INTERPERSONAL AND COMMUNICATION SKILLS *Demonstrates interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals.*

- Dictates reports that are clear, comprehensive, accurate and timely
- Communicates effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds
- Communicates effectively with physicians, other health professionals, and health related agencies
- Works effectively as a member or leader of a health care team or other professional group.
- Acts in a consultative role to other physicians and health professionals

Outstanding Satisfactory Unsatisfactory (Explanation Required)

4. PRACTICE-BASED LEARNING AND IMPROVEMENT *Demonstrates the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning.*

- Identifies strengths, deficiencies, and limits in one's knowledge and expertise
- Sets learning and improvement goals
- Identifies and performs appropriate learning activities
- Systematically analyzes practice using quality improvement methods and implements changes with the goal of practice improvement
- Incorporates formative evaluation feedback into daily practice. Locates, appraises, and assimilates evidence from scientific studies related to their patients' health problems
- Uses information technology to optimize learning. Participates in the education of patients, families, students, residents and other health professionals

Outstanding Satisfactory Unsatisfactory (Explanation Required)

5. PROFESSIONALISM *Demonstrates a commitment to carrying out professional responsibilities and an adherence to ethical principles*

- Has compassion, integrity, and respect for others
- Responsive to patient needs that supersedes self-interest
- Respects patient privacy and autonomy
- Accountable to patients, society and the profession
- Sensitive and responsive to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

Outstanding Satisfactory Unsatisfactory (Explanation Required)

SECTION 4 – ACGME Core Competencies CONTINUED

6. SYSTEMS-BASED PRACTICE *Demonstrates an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care*

- Works effectively in various health care delivery settings and systems relevant to their clinical specialty
- Coordinates patient care within the health care system relevant to their clinical specialty
- Incorporates considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate
- Advocates for quality patient care and optimal patient care systems
- Works in interprofessional teams to enhance patient safety and improve patient care quality
- Participates in identifying system errors and implementing potential systems solutions

Explanation (If Required)

SECTION 5 – Verification and Recommendation

1. PROGRAM DIRECTORS VERIFICATION FOR TRAINEE *(Please complete this section in its entirety)*

I verify that (Trainee's Name) _____ was a trainee from _____ (date) to _____ (date) and has will successfully complete(d) _____ months of Nuclear Medicine training in an ACGME accredited or RCPSC accredited Nuclear Medicine Nuclear Radiology Diagnostic Radiology training program for which I am the Program Director and an Authorized User.

2. PROGRAM DIRECTORS RECOMMENDATION FOR TRAINEE

(Please complete this section in its entirety)

Please Check (ONE) Box

- I recommend this trainee for the ABNM Certification Exam. I do not recommend this trainee for the ABNM Certification Exam.
Please indicate reasons(s) for this decision. Attach additional pages if needed.

Explanation (If Required)

Program Director's Signature

Date Signed

A written signature is required, but you may scan this form and send it by email to abnm@abnm.org, or you may mail the form to via U.S. postal mail to: American Board of Nuclear Medicine, 4555 Forest Park Blvd, Suite 119, St. Louis, Missouri 63108-2173

If training will be completed after this form is sent to the ABNM, the ABNM will follow-up via email to obtain your final evaluation and recommendation.