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**CARDIOLOGY ASSOCIATES OF
OCEAN COUNTY**

**495 Jack Martin Blvd.
Brick, NJ 08724**

(t) 732-458-8299

(f) 732-458-1901

To: Thomas Thompson, NRC

Fax: 610-337-5269

MAIL CONTROL NO. 144078

From: EDNA PADULA, manager

Fax number: 732-458-1901

Date: 9/1/09

Regarding:

AUTHORIZED USER TRAINING

My email :

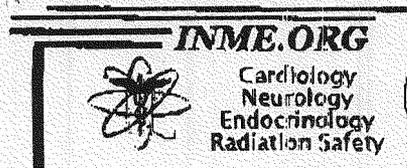
epadula.heartdoctors@verizon.net

**I ENCLOSE A DESCRIPTION OF THE TRAINING FOR DR KOMOROWSKI
FROM THE INSTITUTE FOR NUCLEAR MEDICAL EDUCATION. DOES THIS
GIVE YOU ENOUGH INFORMATION TO SATISFY THE REQUIREMENTS OF
10 CFR35.290 (C)(1) C & E**

29-30011-01

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Institute for Nuclear Medical Education

INME

The Nation's Oldest and Most Professionally Recognized Programs

Radiology
Nuclear Medicine
Radiopharmacy
Technology
Homeland Security

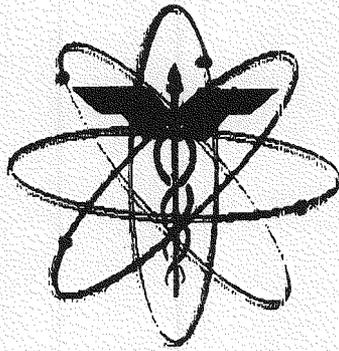
Licensed Approved Credentialed Certified Accredited Evaluate Recognized Bonded

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Welcome to INME

Licensing & Continuing Education in Medical Radioisotope Handling

41 Nationwide Programs



Radiology

Nuclear Medicine

Radiopharmacy

Technology

Cardiology

Neurology

Endocrinology

Radiation Safety

DOT HazMat Certification

**The Nation's Oldest and Most Professionally Recognized Programs
Fundamentals Comprehensive Review**

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INME.ORG

Institute for Nuclear Medical Education

5660 Airport Blvd. Suite 101 • Boulder, Colorado 80301
(800) 548-4024 • (303) 541-0044 • (303) 541-0066
info@inme.org

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Radiation Protection Techniques and Regulatory Compliance	15
Mathematics of the Use	10
Radiation Biology and Risk Assessment	10
Radiopharmacy and Chemistry of Material for Medical Use	15

100

INME PROGRAM Extended Comprehensive Radioisotope Handling 100 HOURS

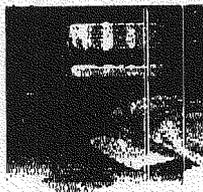
COMPREHENSIVE RADIOISOTOPE HANDLING provides the participant with an opportunity to expand their knowledge into a comprehensive understanding of the science and technological aspects of Physics, Instrumentation, Radiation Protection, and Radiopharmaceutical Chemistry. The participant will develop an understanding that will be sufficient to document an in-depth knowledge, that has traditionally been recognized as the standard for an acceptable level of competency. Participants completing the first course (The Fundamentals of Radioisotope Handling) or parts A & B from the previous classes offered may enroll in the INME Program Extended Comprehensive Radioisotope Handling to achieve a more comprehensive education.

Both INME programs, The Fundamentals of Radioisotope Handling and the Extended Comprehensive include the following areas of instruction. The Fundamentals covers the basic instruction while the Extended Comprehensive covers the more advanced concepts.



MEDICAL RADIATION PHYSICS

Objectives: To provide an understanding of currently accepted structure and methods of research into the nature of matter; to differentiate the types of radiation emissions and their characteristics, including interaction; to measure radiation from various sources using detection systems; to convert sources using detection systems; to convert radiation measurements into appropriate activity, exposure, dose, and biologically effective units; to discuss Federal/State regulatory requirements in relation to the medical use of radioactive materials, and to demonstrate and participate in measurements of half value layers, half thickness, radioactive decay, inverse square law and particulate, and electromagnetic energy.



MEDICAL RADIATION INSTRUMENTATION

Objectives: To identify the types and application of medical radiation detection systems available and their operational characteristics; to identify and demonstrate the theory of calibration techniques and quality control procedures for G-M and ionization survey meters, dose calibrators, scintillation probes, wells, cameras and medical computers; to calibrate and determine geometry and count rate efficiency of various detectors to convert radiation measurements into activity, exposure and dose units; to determine the clinical performance characteristics of gamma cameras and document professional and regulatory requirements.



MEDICAL RADIATION PROTECTION (Level 1-4)

Objectives: To provide an explanation of the biological effects of radiation on human cells, tissues, and organs at chronic and acute levels; to identify the implications and remedial actions necessary in cases of acute and chronic contamination and exposure to radiation; to determine the operation and use of personal dosimeters and protection/measurement instruments; to establish an effective ALARA

program; to determine and comply with Federal and State radiation safety regulations, including appropriate measurements and documentation; to establish and administer personnel and operational policies and procedures to ensure patient, worker, and population safety from unreasonable biological, mechanical, electrical, and radiation hazards.



RADIOPHARMACEUTICALS AND CHEMISTRY

Objectives: To provide a discussion of the indications, contraindications, and pharmacological effects of various radiopharmaceuticals and radiation sources; to identify the production of radiation sources and their regulatory control, specific activity, and radionuclide purity; to explain and provide for implementation of operational procedures for ordering, receiving, storage, and disposal of radioactive materials; to review the regulatory requirements for the development and use of radiopharmaceuticals; to calculate the activity, concentration, and radiation dose of diagnostic radiopharmaceuticals; to identify and demonstrate handling and administration techniques for radiopharmaceutical agents.

EXTENDED COMPREHENSIVE PROGRAM CURRICULUM DISTRIBUTION (Hours of classroom and laboratory training)

TOPIC	Radioisotope Handling Class
Total	
Radiation Physics and Instrumentation	50
Radiation Protection Techniques and Regulatory Compliance	15
Mathematics of the Use	10
Radiation Biology and Risk Assessment	10
Radiopharmacy and Chemistry of Material for Medical Use	15
<hr/>	
Total	100

COMPREHENSIVE RADIOISOTOPE HANDLING has been the **standard for excellence** in this field for over 20 years. Thousands of physicians have completed this program and become licensed to practice medicine utilizing radiopharmaceuticals. Physicists, radiopharmacists, and skilled technologists have also utilized this program as the foundation of their professional competency.

[Back to Previous Page](#)

INME REVIEW PROGRAM 16 HOURS

EXAM REVIEW OF RADIOISOTOPE HANDLING

Review is a two (2) day program providing an accelerated review of the topics critical to the fundamental concepts of radioisotope handling. This program is directed to individuals who desire to receive a review of the topics to refresh their understanding or as preparation for examination. The program provides multiple-choice questions covering each topic for self-evaluation and to practice participating in examinations in radioisotope handling.

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion & Competency

This document is to attest that

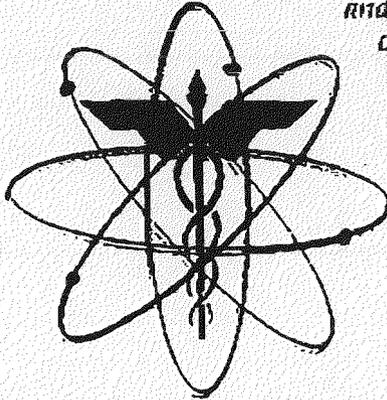
Thomas W. Komorowski, MD

has successfully completed the didactic program

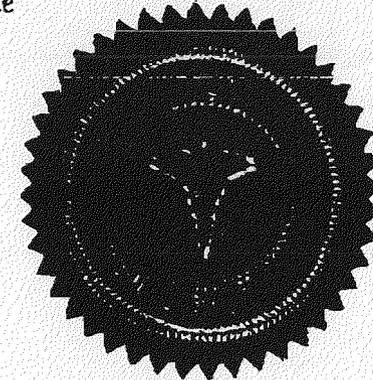
RADIOPHARMACEUTICALS AND CHEMISTRY

and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.

This program provides the following levels of accomplishment:



- 5.0 Continuing Education Units (CEU)
- 50 Didactic Instructional Hours (DIH)
In compliance with 10CFR35/AEA 73-689
- 50 Board Accepted Hours NUSPEX, NMTCB III b, ABMRSO, CBNC, MRLB
- 3.0 Semester Hours American Council on Education (ACE), American Association for Collegiate Registrars



Charles H. Reed
Certifying Official

30 June 2002
Date Completed

200380
Certification

Institute for Nuclear Medical Education

Certified, Approved and Regulated by the Division of Private Occupational Schools, Department of Higher Education in Colorado. Validated by the Accrediting Commission of the Accrediting Council for Continuing Education Training, a national accrediting agency listed by the US Secretary of Education. Validated by the American Council on Education, recognized by the American Association for Collegiate Registrars, Council on Post-Secondary Education. Licensed by NRC & Agreement States.
NME1 (32-Dept IV-Comp/Comp 14/0)

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion & Competency

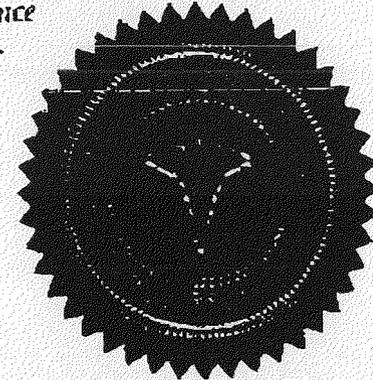
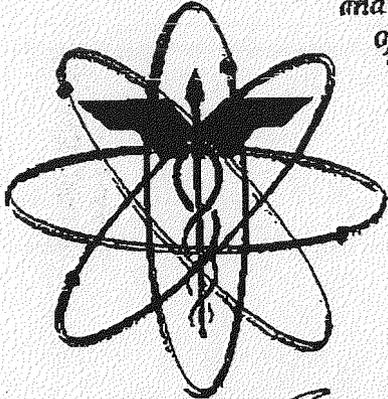
This document is to attest that

Thomas W. Komarowski, MD

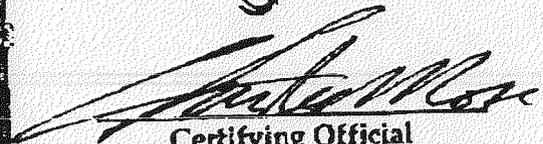
has successfully completed the didactic program

PRINCIPLES OF RADIATION PHYSICS

*and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.
This program provides the following levels of accomplishment:*



- 5.0 Continuing Education Units (CEU)
- 50 Didactic Instructional Hours (DIH)
In compliance with 10CFR35/AEA 73-689
- 50 Board Accepted Hours NUSPEX, NMTCB III b,
ABMRSO, CBNC, MRLB
- 3.0 Semester Hours American Council on
Education (ACE), American Association for
Collegiate Registrars


Certifying Official

16 October 2002
Date Completed

200683
Certification

Institute for Nuclear Medical Education

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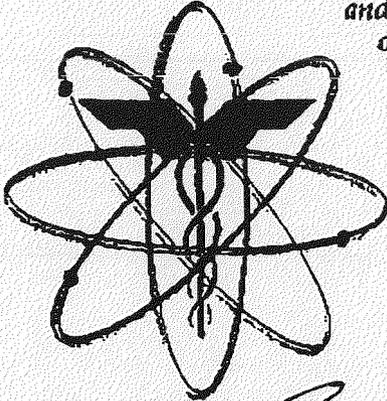
Thomas W. Komorowski, MD

has successfully completed the didactic program

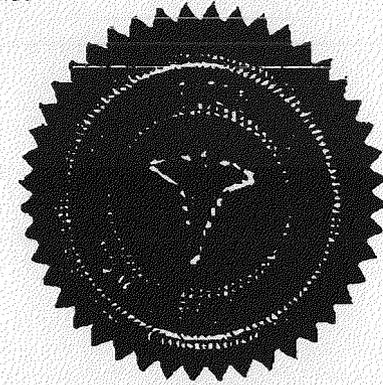
MEDICAL RADIATION INSTRUMENTATION

and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.

This program provides the following levels of accomplishment:



- 5.0 Continuing Education Units (CEU)
- 50 Didactic Instructional Hours (DIH)
In compliance with 10CFR35/AEA 73-689
- 50 Board Accepted Hours NUSPEX, NMTCB III b, ABMRSO, CBNC, MRLB
- 3.0 Semester Hours American Council on Education (ACE), American Association for Collegiate Registrars




Certifying Official

20 October 2002
Date Completed

200759
Certification

Institute for Nuclear Medical Education

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11/01/132-CLASS II-Comp&Comp 1/00