

THE AMERICAN BOARD OF NUCLEAR MEDICINE'S INFORMATION, POLICIES, AND PROCEDURES, 1975

AMERICAN BOARD OF NUCLEAR MEDICINE, 1975

Joseph F. Ross, *Chairman*

Henry N. Wagner, Jr., *Vice Chairman*

Tyra T. Hutchens, *Secretary*

W. Newlon Tauxe, *Treasurer*

S. James Adelstein, Merrill A. Bender, Mathews B. Fish, Alexander Gottschalk, Joseph P. Kriss, David E. Kuhl, John G. McAfee, Richard E. Peterson

HISTORY AND STRUCTURE

The American Board of Nuclear Medicine (ABNM) is the first Conjoint Board to be established under the provisions of the "Essentials for Approval of Examining Boards and Medical Specialties" of the American Board of Medical Specialists. As such, it is a Conjoint Board of the American Board of Internal Medicine, the American Board of Pathology, and the American Board of Radiology, and it is also sponsored by the Society of Nuclear Medicine.

On the recommendation of the Liaison Committee for Specialty Boards, the American Board of Medical Specialties and the Council on Medical Education of the American Medical Association approved the application of the ABNM on June 19, 1971. The Board was formally incorporated on July 28, 1971, and its first organizational meeting was held on October 23, 1971.

The Board was established to set education standards and to evaluate the competence of individuals in nuclear medicine. It has the responsibility for establishing requirements for certification, of conducting examinations leading to certification in nuclear medicine, and for issuing certificates to those who fulfill its requirements.

The Board consists of 12 members, 3 of whom are appointed by the American Board of Internal Medicine, 3 by the American Board of Pathology, 3 by the American Board of Radiology, and 3 by the Society of Nuclear Medicine. Each member of the Board, unless elected to fill an unexpired term, serves for a term of 3 years but may be nominated and elected for a second term. The officers of the Board are a Chairman, a Vice Chairman, a Secretary, and a Treasurer. The terms of office are 1 year, and they may be re-elected.

The Board has certified 1,670 individuals on the basis of the first three examinations given in 1972, 1973, and 1974.

DEFINITION OF SPECIALTY

Nuclear medicine is defined as that specialty of the practice of medicine dealing with the diagnostic, therapeutic (exclusive of sealed radiation sources), and investigative use of radionuclides.

PURPOSES OF THE BOARD

The American Board of Nuclear Medicine is a nonprofit organization incorporated to recognize the competence of physicians who, because of their training and experience, desire to be certified formally as specialists in nuclear medicine. It was formed to accomplish the following purposes:

1. To elevate the standards of graduate education in nuclear medicine.
2. To determine the competence of specialists in nuclear medicine, to establish qualifications, and to arrange, control, and conduct investigations and examinations to test the qualifications.
3. To grant and issue certificates in nuclear medicine to voluntary applicants who have been found qualified by the Board.
4. To maintain a registry of holders of such certificates to serve the medical and lay public by preparing and furnishing lists of practitioners who have been certified by the Board.
5. To encourage the study and to improve the practice of nuclear medicine.

SIGNIFICANCE OF CERTIFICATION

Certification in nuclear medicine by the American Board of Nuclear Medicine certifies that the diplomate is qualified to practice as a specialist in all aspects of clinical and laboratory nuclear medicine, including, but not limited to radiobioassay, in vitro and in vivo measurements, nuclear imaging, and therapy with unsealed radionuclides.

The certificate does not confer on any person legal qualifications, privileges, or license to practice medicine or the specialty of nuclear medicine. The Board does not purport to interfere with or limit the professional activities of any licensed physician.

REQUIREMENTS FOR CERTIFICATION IN NUCLEAR MEDICINE

General requirements for each candidate. Assurance that the applicant represents himself to be a specialist in nuclear medicine.

General professional education. Graduation from

a medical school approved by the Council on Medical Education of the American Medical Association or from a school of osteopathy. If the applicant is a graduate of a medical school outside the United States or Canada, he must be screened with approval by an agency designated by the Executive Committee.

Preparatory postdoctoral training. Each sponsoring Board shall specify a preparatory postdoctoral training program, one of which must be successfully completed before a candidate can enter an approved residency for special training in nuclear medicine. Preparatory programs are:

1. Internal medicine: Completion of at least 2 years of general training in internal medicine (with approval of the director of the second year of training and with 24 months of primary patient responsibility) in programs approved by the Council on Medical Education of the American Medical Association. The American Board of Internal Medicine recommends 3 years of training in general internal medicine and the achievement of the Diplomate Certificate or the Qualifying Certificate of the American Board of Internal Medicine.
2. Pathology: Completion of 2 years of training in an approved residency program in either anatomic or clinical pathology.
3. Radiology: Completion of 2 years of training in an approved training program in radiology and allied sciences.
4. Completion of a preliminary educational program in a medical specialty area other than the three designated above which is acceptable to one of the sponsoring boards and the American Board of Nuclear Medicine.

Special postdoctoral training. After completion of the preparatory postdoctoral training programs, there shall be a 2-year formal residency training program in nuclear medicine in a nuclear medicine residency training program recognized and approved by the American Board of Nuclear Medicine and the Council on Medical Education of the American Medical Association as competent to provide a satisfactory training in nuclear medicine. This period of special training shall be as the American Board of Nuclear Medicine shall determine from time to time.

The 2-year formal residency training program in nuclear medicine must include: (A) A minimum of 18 months' training in clinical nuclear medicine, which will include, but not be limited to, radiobioassay, in vitro and in vivo measurements, nuclear

imaging, and therapy with unsealed radionuclides. (B) Training in allied sciences that must include: medical nuclear physics, radiation biology, radiation protection, instrumentation, radiopharmaceutical chemistry, and statistics. It may also include pathology, physiology, electronics, and other basic sciences associated with nuclear medicine. The time spent in training in allied sciences may be spaced throughout the period of training in nuclear medicine in a manner that does not exceed 6 complete months of training or incorporated in whole or in part in the period of preliminary training.

Patient care responsibility. Candidates for certification in nuclear medicine will have the equivalent of at least 2 years' training in which the primary emphasis is on the patient and his clinical problems. This minimum period may be spaced throughout the entire postdoctoral training but should be of sufficient duration for the trainee to become knowledgeable in the aspects of clinical medicine relevant to nuclear medicine, including patient care.

Alternative training requirements. (To remain in effect for a period of 5 years after the Board is established, i.e., through 1976.)

1. An internship and 10 years' experience in nuclear medicine.
2. An internship, 1 year approved residency training in internal medicine, pathology, or radiology, and 5 years' experience in nuclear medicine.
3. Certification by an American medical specialty board with 1 year training in nuclear medicine or 3 years' experience in nuclear medicine.
4. An internship plus 1 year of residency and 2 years' training in nuclear medicine.

APPROVED RESIDENCY TRAINING PROGRAMS

Lists of approved residency training programs in nuclear medicine can be found in the *Directory of Approved Internships and Residencies*, published annually by the American Medical Association or by contacting: Secretary, Residency Review Committee for Nuclear Medicine, American Medical Association, 535 North Dearborn Street, Chicago, Ill. 60611.

A list of currently approved residency training programs in nuclear medicine can be found on pages 693-694.

SCOPE OF EXAMINATION

The examination is developed in collaboration with the National Board of Medical Examiners. It consists of multiple choice questions and is given in two sessions of 3½ hr each. The examination evaluates the applicant's knowledge and competence

in the management of patients in the area of clinical nuclear medicine, including, but not limited to, radio-bioassay, in vitro and in vivo measurements, nuclear imaging, and therapy with unsealed radionuclides. Also included is an evaluation of the candidate's knowledge in the related sciences of medical nuclear physics, radiation biology, radiation protection, instrumentation, radiopharmaceutical chemistry, and statistics. It may also include pathology, physiology, electronics, and other basic sciences associated with nuclear medicine.

APPLICATIONS

Applicants who wish to be examined by the Board must complete, sign, and file with the Board office an application on the official form together with the supporting data required by the application. The application must include two photographs of the applicant, signed on the side, and a check to cover the examination fee. The applicant must arrange to have two sponsor forms returned directly to the ABNM office to be included with his application. The deadline for receipt of applications for the September 20, 1975 examination was June 2, 1975.

Before the final action on applications, officers of the Board and members of the Board are not authorized to estimate the eligibility of applicants, who are requested not to discuss or write for opinions regarding the status of their application. The Board decides on eligibility to take the examination only by approving or disapproving individual applications, and accordingly has no "Board Eligible" category.

Inquiries concerning the applicability of previous training and experience toward eligibility to take the certifying examination and remaining training and experience needs should be sent to the Board office. A copy of the Board's response to these inquiries should be forwarded with any subsequent examination applications.

RESIDENCY TRAINING PROGRAMS IN NUCLEAR MEDICINE (JANUARY 1975)

ALABAMA

Birmingham

University of Alabama Medical Center
Veterans Administration Hospital
University of Alabama Hospitals and Clinics
619 South 19th Street
Birmingham, Ala.
Director: W. Newlon Tauxe, M.D.

ARIZONA

Tucson

University of Arizona Affiliated Hospitals
University Hospital
Veterans Administration Hospital
Tucson, Ariz.
Director: Robert E. O'Mara, M.D.

FEEs

The examination fee is \$300. If the applicant is rejected by the Board or withdraws prior to August 1, 1975, the examination processing fee of \$50 will be retained by the Board. If the applicant withdraws after August 1, 1975, the entire examination fee will be retained by the Board.

RELEASE OF INFORMATION

Upon request and with the approval of the Board Chairman, the Board releases information on diplomates to Federal and State licensing bodies and to educational and professional organizations for specific, limited, and appropriate professional use. An authorization for release of this information is a part of the examination application form. No other information is released on individual applicants, examinees, or on individuals failing an examination.

POLICY ON RE-EXAMINATION

Applicants who fail the examination are eligible for re-examination. An examination fee must accompany each completed application for re-examination.

SUMMARY OF 1975 REGISTRATION DATA

Application period: January 1, 1975 to June 2, 1975.

Examination date: September 20, 1975.

Fee: \$300.

Deadline for cancellation: August 1, 1975.

Processing fee in case of cancellation before August 1, 1975: \$50.

Letters of admission and sample questions mailed: July 15, 1975.

Address examination inquiries to: American Board of Nuclear Medicine, 475 Park Avenue South, New York, N.Y. 10016.

ARKANSAS

Little Rock

University of Arkansas Medical Center
University Hospital
Veterans Administration Consolidated Hospital
Little Rock, Ark.
Director: Charles M. Boyd, M.D.

CALIFORNIA

Davis

University of California (Davis) Affiliated Hospitals
University of California (Davis)-Sacramento
Medical Center (Sacramento)
Davis, Calif.
Director: Gerald L. DeNardo, M.D.

Los Angeles
Veterans Administration (Sepulveda)
Los Angeles, Calif.
Director: Marvin B. Cohen, M.D.
Veterans Administration Hospital—Wadsworth Hospital
Wilshire and Sawtelle Boulevards
Los Angeles, Calif.
Director: William H. Bland, M.D.
San Diego
University of California (San Diego) Affiliated Hospitals
University of California, San Diego—University Hospital
Veterans Administration Hospital
San Diego, Calif.
Director: William L. Ashburn, M.D.
San Francisco
Letterman Army Medical Center
San Francisco, Calif.
Director: Ralph Blumhardt, M.D.
University of California Program
H.C. Moffitt—University of California Hospitals
San Francisco, Calif.
Director: Paul B. Hoffer, M.D.

COLORADO

Denver
University of Colorado Affiliated Hospitals
Veterans Administration Hospital
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colo.
Director: Peter M. Ronai, M.B., Ph.D.

CONNECTICUT

Hartford
University of Connecticut Affiliated Hospitals
University Hospital (Farmington)
Hartford Hospital
Veterans Administration Hospital (Newington)
Hartford, Conn.
Director: Richard P. Spencer, M.D.
New Haven
Yale—New Haven Medical Center
Hospital of St. Raphael
Yale—New Haven Hospital
789 Howard Avenue
New Haven, Conn.
Director: Alexander Gottschalk, M.D.

DISTRICT OF COLUMBIA

Georgetown University Hospital
3800 Reservoir Road, N.E.
Washington, D.C.
Director: John C. Harbert, M.D.
George Washington University Affiliated Hospitals
Washington Hospital Center
George Washington University Hospital
Veterans Administration Hospital
Washington, D.C.
Directors: Richard C. Reba, M.D., Vijay M. Varma, M.D.
Walter Reed Army Medical Center
Washington, D.C.
Director: Merrill C. Johnson, M.D.

ILLINOIS

Chicago
McGaw Medical Center of Northwestern University
Children's Memorial Hospital
Veterans Administration Research Hospital
Northwestern Memorial Hospital
Chicago, Ill.
Director: James L. Quinn, M.D.
Michael Reese Hospital
2929 South Ellis Avenue
Chicago, Ill.
Director: Steven M. Pinsky, M.D.
University of Chicago Hospitals and Clinics
Chicago, Ill.
Director: Bernard E. Oppenheim, M.D.

KANSAS

Kansas City
University of Kansas Medical Center
Kansas City, Kans.
Director: Ralph G. Robinson, M.D.

LOUISIANA

New Orleans
Touro Infirmary
1401 Foucher Street
New Orleans, La.
Director: Ted Bloch, M.D.

MARYLAND

Baltimore
Johns Hopkins Hospitals
601 North Broadway
Baltimore, Md.
Director: Henry N. Wagner, Jr., M.D.
Bethesda
National Institutes of Health Clinical Center
9000 Rockville Pike
Bethesda, Md.
Director: Gerald S. Johnston, M.D.
Naval Hospital
National Naval Medical Center
Department of Radiology
Bethesda, Md.
Director: Peter T. Kirchner, M.D.

MASSACHUSETTS

Boston
Peter Bent Brigham Hospital—Children's Hospital
Medical Center
Peter Bent Brigham Hospital
Children's Hospital Medical Center
Boston, Mass.
Director: S. James Adelstein, M.D.

MICHIGAN

Ann Arbor
University Hospital
1405 East Ann Street
Ann Arbor, Mich.
Director: William H. Beierwaltes, M.D.
Royal Oak
William Beaumont Hospital
3601 West Thirteen Mile Road

Royal Oak, Mich.
Director: Howard J. Dworkin, M.D.

MINNESOTA

Minneapolis
University of Minnesota Affiliated Hospitals
University of Minnesota Hospitals
Veterans Administration Hospital
Minneapolis, Minn.
Director: Merle K. Loken, M.D.

MISSOURI

St. Louis
Washington University Affiliated Hospitals
Barnes Hospital Group
Mallinckrodt Institute of Radiology
510 South Kingshighway
St. Louis, Mo.
Director: Barry Siegel, M.D.
St. Louis University Group of Hospitals
Firmin Desloge Hospital
David P. Wohl Memorial Mental Institute
Veterans Administration Hospital
1325 South Grand Boulevard
St. Louis, Mo.
Directors: John F. Lindeman, M.D.,
Erica A. Solaric-George, M.D.

NEBRASKA

Omaha
University of Nebraska Hospital
Omaha, Nebr.
Director: Merton A. Quaife, M.D.

NEW YORK

Albany
Albany Medical Center Affiliated Hospitals
Veterans Administration Hospital
Albany Medical Center Hospital
New Scotland Avenue
Albany, N.Y.
Director: Robert B. Chodos, M.D.

Brooklyn
Veterans Administration Hospital
Brooklyn, N.Y.
Director: Morelly L. Maayan, M.D.

Buffalo
SUNY at Buffalo Affiliated Hospitals
Veterans Administration Hospital
Mercy Hospital
Buffalo General Hospital
Roswell Park Memorial Institute
3435 Main Street
Buffalo, N.Y.
Director: Merrill A. Bender, M.D.

New York
Memorial Hospital for Cancer and Allied Diseases
1275 York Avenue
New York, N.Y.
Director: Richard S. Benua, M.D.
New York Hospital
New York, N.Y.
Director: Jerome C. Jacobstein, M.D.

Syracuse
State University Hospital
750 East Adams Street
Syracuse, N.Y.
Director: John G. McAfee, M.D.

NORTH CAROLINA

Durham
Duke University Affiliated Hospitals
Duke University Medical Center
Veterans Administration Hospital
Durham, N.C.
Director: Jack K. Goodrich, M.D.

OHIO

Cincinnati
University of Cincinnati Hospital Group
Jewish Hospital
Veterans Administration Hospital
Children's Hospital
Cincinnati General Hospital
234 Goodman
Cincinnati, Ohio
Director: Eugene L. Saenger, M.D.

OKLAHOMA

Oklahoma City
University of Oklahoma Health Sciences Center
University of Oklahoma Hospitals
Veterans Administration Hospital
Oklahoma City, Okla.
Director: Carl W. Smith, M.D.

PENNSYLVANIA

Philadelphia
University of Pennsylvania Affiliated Hospitals
Veterans Administration Hospital
Graduate Hospital of the University of Pennsylvania
Hospital of the University of Pennsylvania
3400 Spruce Street
Philadelphia, Pa.
Director: David E. Kuhl, M.D.

PUERTO RICO

San Juan
University of Puerto Rico Affiliated Hospitals
Veterans Administration Center
Puerto Rico Nuclear Center
University District Hospital
San Juan, P.R.
Director: Julio V. Rivera, M.D.

TENNESSEE

Memphis
University of Tennessee Affiliated Hospitals
City of Memphis Hospitals
Veterans Administration Hospital
Baptist Memorial Hospital
Memphis, Tenn.
Director: Ben I. Friedman, M.D.

TEXAS**El Paso****William Beaumont Army Medical Center****Box 70014****El Paso, Tex.****Director: Martin L. Nusynowitz, M.D.****Galveston****University of Texas Medical Branch Hospitals****Galveston, Tex.****Director: Ralph J. Gorten, M.D.****Houston****Baylor College of Medicine Affiliated Hospitals****(Program 1)****St. Lukes Episcopal Hospital****Texas Children's Hospital****Ben Taub General Hospital****1200 Moursund****Houston, Tex.****Director: John A. Burdine, M.D.****Baylor College of Medicine Affiliated Hospitals****(Program 2)****Methodist Hospital****Veterans Administration Hospital****University of Texas M.D. Anderson Hospital and Tumor****Institute****2002 Holcombe Boulevard****Houston, Tex.****Director: Felix J. Pircher, M.D.****WASHINGTON****Seattle****University of Washington Affiliated Hospitals****University Hospital****Veterans Administration Hospital****U.S. Public Health Service Hospital****Harborview Medical Center****Seattle, Wash.****Director: Wil B. Nelp, M.D.****WISCONSIN****Milwaukee****Medical College of Wisconsin Affiliated Hospitals****Veterans Administration Center (Wood)****Milwaukee County General Hospital****Milwaukee, Wis.****Director: Robert C. Meade, M.D.****St. Luke's Hospital****2900 West Oklahoma Avenue****Milwaukee, Wis.****Director: Donald J. Kuban, M.D.**