TECHNETIUM 99m GENERATORS
Technetium Tc 99m Generators for the Production of Sodium Pertechnetate Tc 99m

20 Sizes
TECHNETIUM Tc 99m GENERATOR for the Production of Sodium Pertechnetate Tc 99m

DESCRIPTION: The Technetium Tc 99m Generator is prepared with fission produced Molybdenum Mo 99 adsorbed on alumina in a lead-shielded column and provides a means for obtaining sterile pyrogen-free solutions of Sodium Pertechnetate Tc 99m in sodium chloride injection. The eluate should be clearly visible. With a pH of 4.5-7.5, hydrochloric acid and/or sodium hydroxide may have been used for pH adjustment. Over the life of the generator, an elution will yield 90% to 100% of the theoretical amount of Technetium Tc 99m available from the Molybdenum Mo 99 on the generator column.

Each eluate of the generator should not contain more than 0.15 microcurie of the Molybdenum Mo 99 per milliliter. Technetium Tc 99m per administered dose at the time of administration, and not more than 10 micrograms of aluminum per milliliter of the generator eluate, both of which must be determined by the user before administration.

Since the eluate does not contain an antimicrobial agent, it should not be used after twelve hours from the time of generator elution.

INDICATIONS AND USAGE: Sodium Pertechnetate Tc 99m is used in ADULTS as an agent for: brain imaging including cerebral radionuclide angiography; thyroid imaging; salivary gland imaging; placenta localization; blood pool imaging including radionuclide angiography; and urinary bladder imaging (direct isotope cystography) for detection of vesico-urethral reflux. Sodium Pertechnetate Tc 99m is used in CHILDREN as an agent for: brain imaging including cerebral radionuclide angiography; thyroid imaging; blood pool imaging including radionuclide angiography; and urinary bladder imaging (direct isotope cystography) for the detection of vesico-urethral reflux.

CONTRAINDICATIONS: None known.

WARNINGS: Radiation risks associated with the use of Sodium Pertechnetate Tc 99m are greater in children than in adults. In general, the younger the child the greater the risk owing to greater absorbed radiation doses and longer life expectancy. These greater risks should be taken firmly into account in all benefit-risk assessments involving children.

PRECAUTIONS: As in the use of any radioactive material, care should be taken to minimize radiation exposure to the patient consistent with proper patient management and to insure minimum radiation exposure to occupational workers.

Since the eluate does not contain an antimicrobial agent, it should not be used after twelve hours from the time of generator elution.

Carcinogenesis, Mutagenesis, Impairment of Fertility

No long-term animal studies have been performed to evaluate carcinogenic potential or whether Technetium Tc 99m may affect fertility in males or females.

Pregnancy Category C

Animal reproductive studies have not been conducted with Technetium Tc 99m. It is also not known whether Technetium Tc 99m can cause fetal harm when administered to a pregnant woman or if it can affect reproductive capacity. Technetium Tc 99m should be given to a pregnant woman only if the expected benefits to be gained clearly outweigh the potential hazards.

Ideally, examinations using radiopharmaceuticals, especially those effective in nature, of a woman of childbearing capacity should be performed during the first or second trimester of pregnancy. If the necessary examinations must be performed during the third trimester of pregnancy, it should be done during the last six weeks of pregnancy, after the 20th week of gestation, in order to minimize the radiation dose to the embryo/fetus. When the pregnant woman is an anticoagulant, it should be stopped at least 10 days prior to administration in order to minimize the risk of hemorrhage.

NURSING MOTHERS

Technetium Tc 99m is excreted in human milk during lactation, and therefore formula feedings should be substituted for breast feedings.

Pediatric Use

See INDICATIONS AND USAGE, DOSE AND ADMINISTRATION. See also description of additional risk under WARNINGS.

Radiopharmaceuticals should be used only by physicians who are qualified by training and experience in the safe use and handling of radionuclides, and whose experience and training have been approved by the appropriate government agency authorized to license the use of radionuclides. The generator should not be used after 16 days from the date and time of calibration. At time of administration, the solution should be clear.

ADVERSE REACTIONS: Allergic reactions including anaphylaxis have been reported infrequently following the administration of Sodium Pertechnetate Tc 99m.

NEW SUPPLIER: Sodium Pertechnetate Tc 99m is supplied as a Molybdenum Mo 99/Technetium Tc 99m generator in sizes from 830 millicuries up to 16,800 millicuries (in approximately 830 millicurie increments) of Molybdenum Mo 99 as of 10:00 P.M. Eastern Time of the day of preparation. The TECHNETIUM Tc 99m GENERATOR consists of:

1) sterile generator, 2) Sodium Chloride injection source, 3) 10 cc sterile evacuated vials, 4) sterile needles, 5) eluate vial/hermet" 6) sterile labels. Elution vials 5 cc and 20 cc sizes are available upon request.

[Initial order only]

The TECHNETIUM Tc 99m GENERATOR should not be used after sixteen (16) days from the date and time of calibration.

For multidose use, the eluate should be used within 12 hours of the generator elution time. If the eluate is used to reconstitute a kit, the radiolabeled kit should not be used after 12 hours from the time of generator elution or 6 hours after reconstitution of the kit, whichever is earlier.

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Spine data (n = 500) and femur data (n = 632) for comparisons from a study of normal white females by Mazess, et al. (submitted). Normal comparisons and displays are user-selectable. Total body data derived from a study of 390 normal white women by J. C. Gallagher et al. (Creighton University) — submitted 1986.
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56 year old male with chest pain. ECG revealed ST depression in inferior leads. Planar imaging was performed 20 hours after injection of Myoscint. Images courtesy of Emory University School of Medicine, Atlanta, Georgia.

Patient admitted 24 hours after onset of chest pain. ECG suggested a "non Q wave" infarct. Images were obtained 24 hours after injection of Myoscint. Images courtesy of Dept. of Nuclear Medicine, Spedali Civili, Brescia, Italy.

44 year old female with severe chest pain. ECG showed possible anterior MI. CPK 296 I.U. Ejection fraction 34%. Imaging performed 43 hours after IV administration of Myoscint. Endomyocardial biopsy positive for myocarditis. Image courtesy of Massachusetts General Hospital, Boston, Massachusetts.

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(see reverse side for instructions)

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- ARRT(N)
- ARRT(T)
- ARRT(R)
- Other

Please check ONE box for preferred mailing address, but complete both columns for our files:

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<th>Institutional</th>
<th>Home Address</th>
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IN-TRAINING STATUS
- Yes
- No

Projected Completion Date: _______________ month/year

Program Director: ________________________________

PROGRAM DIRECTOR'S TELEPHONE NO.: ________________________________

Would you like to join the TECHNOLOGIST SECTION?  
- Yes
- No

COUNCIL MEMBERSHIP (OPTIONAL)
- Academic Council
- Correlative Imaging Council
- Radioassay Council
- Cardiovascular Council
- Instrumentation Council
- Radiopharmaceutical Council
- Computer Council

NAME OF SNM MEMBER WHO SUGGESTED THAT YOU JOIN ___________________________ (optional)

APPLICANT'S SIGNATURE ___________________________ DATE ___________________________

FOR OFFICE USE ONLY

- Full
- TS

APPLICATION FEE _______________ AM _______________ R

CHAPTER ___________________________ TM _______________ IT

ACCOUNT # ___________________________ AF

CHAIRMAN, MEMBERSHIP COMMITTEE (sign)

TECHNOLOGIST SECTION DESIGNEE (sign)

9/86
THE SOCIETY OF NUCLEAR MEDICINE

Instructions to Application for Membership

1. Please complete and sign the enclosed application form, either printing or typing the information. Make sure you have completed all information requested in order to avoid unnecessary delays in processing.

2. A membership category will be assigned to you in accordance with the Society’s Bylaws based on the information supplied on your application form.

3. To be eligible for “In-Training” status, at least 90 days must be remaining in your formal training program. No application processing fee is required.

4. Upon acceptance by the Society, you will automatically become a member of the regional chapter that covers your area of residence. If you wish membership in some other chapter, you should submit your request with your application. If no regional chapter exists for the area of your residence, you will be assigned “Membership-at-Large.”

5. A $10.00 non-refundable processing fee must accompany the completed application form. Otherwise applications will not be processed.

6. Receipt of your application will be acknowledged. Allow 4–6 weeks for processing and for receipt of the appropriate journals. DO NOT prepay your dues. An invoice will be sent to you upon approval of your application.

Guide to Membership Dues—1986 and 1987

<table>
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<tr>
<th>Membership Categories</th>
<th>Society</th>
<th>Technologist Section</th>
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<td>Full-in-training</td>
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<td>With Tech Section membership</td>
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- Society and Technologist Section chapter dues are additional and vary by chapter.
  A chapter dues table is available upon request.
- Council dues are an additional $5.00 per Council.
- Dues for those applicants joining during the year are prorated to January 1st.

9/86

The Society of Nuclear Medicine
Membership Department
136 Madison Avenue—Dept. 387J
New York, NY 10016-6760
HELP PROMOTE
NUCLEAR MEDICINE WEEK
July 27 – August 2

Nuclear Medicine Week will be celebrated by nuclear medicine professionals across the country during the week of July 27-August 2, 1987. Sponsored by The Society of Nuclear Medicine and Technologist Section, Nuclear Medicine Week has been developed to heighten public awareness of the progress nuclear medicine has made in the diagnosis and treatment of disease.

YOUR SUPPORT IS NEEDED in promoting Nuclear Medicine Week. The Society has prepared a set of guidelines for promoting the Week in your local area. We will also have posters, buttons and stickers available for your hospital to purchase. Price lists for these items will be available shortly.

If you are interested in obtaining a set of guidelines and/or purchasing any promotional materials, please contact:

Virginia M. Pappas, CAE
The Society of Nuclear Medicine
136 Madison Avenue, Dept. 387J
New York, NY 10016-6760
(212)889-0717

WE NEED YOUR SUPPORT!

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The CEL library of educational programs brings you a wide array of topics that are important to professionals in nuclear medicine. The programs below are among the newest introduced into the library. All are available on 35mm slides with a synchronized audiocassette lecture, and many are also available on videotape. The following programs are from the BRAIN category.

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Clinical Applications of Brain Perfusion Tomography (85)
Thomas C. Hill, M.D.
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□ CEL 64
Technical Aspects of Brain Perfusion Tomography (85)
B. Leonard Holman, M.D.
51 slides/tape $65  VHS/Beta $85  ¾" $95

□ CEL 80
Single Photon Brain Imaging (86)
Richard Holmes, M.D.
34 slides/tape $65  VHS/Beta $85  ¾" $95

□ CEL 84
Functional Brain Imaging: New Radiopharmaceuticals (86)
R.D. Neirinckx, Ph.D.
Peter Ell, M.D., Neils Lassen, M.D.
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SNM Audiovisuals
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(312) 943-0450

NOTE: Please add $5 per order for shipping in U.S. (Foreign orders please add $10). These prices are for members only; if not a member, please add $20 per program.

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The Journal of Nuclear Medicine

If you would like to receive product information directly from a supplier who is advertising in this issue, simply circle the number on your reader service card that corresponds to the number on the ad. Then fill in your name and address, tear out the card, and drop it in the mail. United States postage is already paid, so it costs you nothing to take advantage of this service.

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Policy—The Journal of Nuclear Medicine accepts classified advertisements from medical institutions, groups, suppliers, and qualified specialists in nuclear medicine, provided the advertisement is limited to Positions Open, Positions Wanted, Equipment Available, and Seminars. We reserve the right to decline, withdraw, or modify advertisements that are not relevant to our readership.

Rates for Classified Listings—$12.50 per line or fraction of line (approx. 50 characters per line, including space). Allow 28 characters per line for the first line which will appear in capital letters. Special rates for SNM members on Positions Wanted: $1000 per line. Note: Box numbers are available for the cost of 2 lines only.

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Full page $975
Half page $575
Quarter page $375

Terms—Payment must accompany order. Make checks payable, in U.S. dollars, to SNM. No telephone orders are accepted.

Submissions—Classified Advertising Department
The Society of Nuclear Medicine
136 Madison Ave.
New York, NY 10016-6760
(212)889-0717

Positions Available

Physician

NUCLEAR MEDICINE. Available Sept. 1987, full-time position in Palo Alto VA Hospital, affiliated with Stanford University School of Medicine. Eligibility for university appointment as Assistant Professor. Responsibilities include certification by American Board of Nuclear Medicine; broad clinical expertise; evidence of teaching ability, research training and productivity, and focused research interest. Unit is in new quarters and is equipped with most modern equipment, including PET scanner. Stanford University is committed to increasing representation of women and members of minority groups on its faculty and particularly encourages applications from such candidates. Provide complete CV, names and addresses of references, and statement of interest in first letter to: Dr. Joseph P. Kriss, Division of Nuclear Medicine, Stanford University Medical Center, 300 Pasteur Drive, Stanford, CA 94305.

NUCLEAR MEDICINE PHYSICIAN. Full-time practice of comprehensive diagnostic and therapeutic nuclear medicine in an 850-bed teaching hospital. Clinical practice of the group includes major commitments to oncology, pediatrics, cardiology and critical care. Opportunities exist for development of special interests, teaching of residents and academic development. Department equipped with SPECT, mobile cameras, and NMR spectroscopy. Extensive basic science support exists. New facilities planned for early 1990's. Academic appointment in Department of Diagnostic Radiology and Nuclear Medicine, University of Western Ontario. Certification in nuclear medicine by Royal College of Physicians and Surgeons (Canada) and eligibility to practice medicine in Ontario required. Canadian licensure desirable but preference will be given to qualified Canadian applicants. Position available July 1, 1987. Contact: Dr. A. Donald Fraser, Nuclear Medicine, Victoria Hospital, 375 South Street, London, Ontario, N6A 4G5; (519)667-6570.

NUCLEAR MEDICINE PHYSICIAN. Medical College of Virginia/Virginia Commonwealth University and the Veterans Administration Medical Center, Richmond, Virginia. The Division of Nuclear Medicine and Department of Radiology, is seeking an ABNM-certified or eligible nuclear medicine physician at the assistant professor level. Strong interest in education and teaching is essential, and nuclear medicine experience and computer expertise are desirable. The hospitals of each medical center are affiliated with the University of Virginia, the dental school of the University of Virginia, and each nuclear medicine facility has state-of-the-art imaging and computer systems. Direct resumes to: Melvin I. Frankin, MD, Chairman, Division of Nuclear Medicine, Medical College of Virginia, P.O. Box 481, Richmond, VA 23298-0001. EEO/AA. Women and minorities are encouraged to apply.

NUCLEAR MEDICINE PHYSICIAN. RADIOLOGIST. UM Hospital. Fellowship training in nuclear medicine with SPECT, nuclear-cardiology experience to head a very active service in a brand new department. New $55-privately held private hospital on July 1, 1987. Fee for service professional corporation. Medical school affiliation. Join 12-member corporation of radiologists. B.C. Berg, MD, St. Francis Medical Center, 530-616 NE Glen Oak, Peoria, IL 61637. EOE.

Residency

STANFORD UNIVERSITY SCHOOL OF MEDICINE—NUCLEAR MEDICINE RESIDENCY PROGRAM. Unexpected resident position is available beginning July 1, 1987 for a 2-year program at Stanford University Medical Center and affiliated veterans adm. medical center. Patients from the Children's Hospital at Stanford are also studied at the University Hospital. The program is approved by the ACGME and satisfies the requirements of the American Board of Nuclear Medicine. Prerequisites for entry into program: 2 years of training in an ACGME-approved program in internal medicine, radiology, pathology, or physics plus requests for further information (include CV and reference list) should be directed to: Dr. I. Ross McDougall, Professor of Medicine, Stanford University Medical Center, Stanford, CA 94305. Stanford is an Equal Opportunity Affirmative Action Employer.

NUCLEAR MEDICINE RESIDENCY available in both first and second years at St. Luke's Hospital, Milwaukee. St. Luke's is a large, 450-bed tertiary care community hospital and is the sixth largest cardiac care center in the U.S. As such, the program is particularly strong in nuclear cardiology and SPECT. Current instrumentation includes six gamma cameras and three SPECT cameras. Staff includes two nuclear medicine physicians, a pharmacist, a physicist, and a programmer. Rotation in MRI will be made available according to interest. Residents are required to write one paper per year. Applicants must, without exception, have completed 2 years in an American or Canadian residency to be considered for this program. Address applications and inquiries to: Dr. Don Spiegelhoff, Director of Nuclear Medicine, St. Luke's Hospital, 2900 West Oklahoma Ave., Milwaukee, WI 53215. EOE.

NUCLEAR MEDICINE. A 2-year ACGME-accredited training program including basic and clinical science experience. Two years prior post-graduate training in ACGME approved program is a requirement. The program is an integrated program involving tertiary care, oncology and pediatric exposure, nuclear medicine, general science, and research opportunities. Opportunity for completion of the American Board of Nuclear Medicine examinations. Position available July 1, 1987 to: J.A. Prezio, MD, Chairman and Program Director, SUNY/B, VAMC Building 5, 3455 Bailey Ave., Buffalo, NY 14215.

Fellowship

MEDICAL PHYSICS POSTDOCTORAL FELLOWSHIP. A two-year postdoctoral fellowship is available July 1, 1987. The position is designed to train recent graduates to work as the medical physicist in a department of nuclear medicine. The successful candidate will become part of a research program in quantitative SPECT imaging. The position is funded at the level of an NSF fellowship with fringe benefits. Contact: Dr. Richard N. Michel, Ph.D., Department of Nuclear Medicine, University of Massachusetts Medical Center, 55 Lake Ave. N, Worcester, MA 01605. EOE.

NUCLEAR MEDICINE/MAGNETIC RESONANCE FELLOWSHIP. Department of Radiology at The University of Texas Health Science Center at Dallas is offering a 1- or 2-year fellowship to begin July 1, 1987. The fellow will be involved in nuclear medicine and magnetic resonance imaging. Strong emphasis is placed on physiologic image interpretation and quantitation as well as correlation with other diagnostic modalities. Applicants must have completed a minimum of 2 years in an accredited diagnostic radiology residency program and have demonstrated an interest in research. Previous fellowship experience or MD/PhD desired but not required. Send CV to: Dr. William A. Erdman, MD, Nuclear Medicine, Medicine and Body MR Research, Department of Radiology, University of Texas Health Science Center at Dallas, 1233 Harry Hines Blvd., Dallas, TX 75235. An Affirmative Action/Equal Opportunity Employer.

Technologist


NUCLEAR MEDICINE TECHNOLOGIST. Experienced technologist with emphasis on general and vascular nuclear medicine procedures. Requires completion of AMA-approved nuclear medicine technology training program with 1-year's experience. Competitive salary and good benefits. Apply to: Personnel Director, Sacred Heart Hospital, 900 S. 25th West, Peoria, IL 61620. For more information, contact: Administrative Manager of Radiology; (309)759-5010. EOE.

NUCLEAR MEDICAL CARDIOLOGIST. Full-time position available for highly motivated registered technologist with experience in nuclear imaging and computer processing and a strong interest in research. This 800-bed teaching hospital has state-of-the-art imaging and computer systems. Send resume and references to: Frans Wackers, MD, Yale University, Cardiovascular Imaging, TE-2, 333 Cedar St., New Haven, CT 06510. EOE.

NUCLEAR MEDICINE TECHNOLOGIST. Full-time staff position with modern, progressive nuclear medicine department. We are Iowa Method- ical Center, a 700-bed teaching regional trauma center, located in Des Moines, a recent All-American City. Excellent salary and benefits include HMO/PPO options, dental, buy back on sick leave, on-site fitness center, 100% tuition assistance, nine paid holidays and much more. Send resume to: Dave Furemets, Personnel Representative, Iowa Methodist Medical Center, 1200 Pleasant St., Des Moines, Iowa 50309 or call collect: (515)283-6313. An Equal Opportunity Employer.

NUCLEAR MEDICINE TECHNOLOGIST. Full-time position in busy, private nuclear medicine department in 190-bed hospital with 40-bed SNF unit attached. We are located in beautiful central New York State, at the gateway to the Adirondacks, a year-round playground. Excellent salary ($21,000 +) and benefit package, with participation in our state retirement plan. If interested, please contact: Ms. Sallie Beckius, Rome Hospital and Murphy Memorial Hospital, 1500 North James St., Rome, NY 13440; (315)338-7224. EOE.

Position Wanted

PHYSICIAN

NM PHYSICIAN ABNM CERTIFIED seeks new position. Extensive experience in all aspects of NM teaching and practicing. Will consider university, community hospital and group practice. Available also as Locums. Contact: Box SNM-23, Society of Nuclear Medicine, 136 Madison Ave., New York, NY 10016.

Continuing Education

Workshop

BONE MINERAL ANALYSIS WORKSHOP AND TUTORIAL. March 28, 1987. Nuclear medicine consultants, 350 Parnassus Ave., San Francisco, CA 94117. The course is intended for those with an interest in bone metabolism (nuclear medicine and radiology) and licensed NM or radiology technologists, provides hands-on experience with a Luyu program and digital bone densitometers, procedure protocols, interpretation guidelines, and reference standardization. Contact: Karen Meier, Nuclear Medicine, Parnassus, Suite 908, San Francisco, CA 94117, (415)664-7400.
**Nuclear Medicine Technologist**

As one of the Washington area's first, the Department of Nuclear Medicine offers you, the professional Nuclear Medicine Technologist, the opportunity to work with the latest technologies while providing quality patient care to a broad patient population.

Nuclear Medicine Technologists at the Washington Hospital Center are vital members of a specialized healthcare team. You will be involved in in-service training programs, evaluating new products and equipment, reviewing calibrations, patient dosage records and safety protocols.

If you possess an Associate degree in Nuclear Medicine and are registered by the NMTCB/AART or registry eligible, send resume with salary requirement to Arminta Foushee-Green, Employment Specialist, or call 1-800-432-3993 for further information.

THE WASHINGTON HOSPITAL CENTER
110 Irving Street, N.W.
Washington, D.C. 20010

**NUCLEAR MEDICINE TECHNOLOGIST**

Pitt County Memorial Hospital, a 550+ bed acute care teaching hospital, is currently accepting applications for a Nuclear Medicine Technologist. Qualified candidates must possess an Associate degree in Nuclear Medicine Technology and have ARRT or NMTCB certification or be registry eligible and obtain either certification within one year. Pitt County Memorial Hospital offers competitive salaries and excellent benefits package. For immediate consideration, send resume to:

Employment Office
PITTCOUNTY MEMORIAL HOSPITAL
P.O. Box 6028
Greenville, NC 27834
(919) 757-4556

EOE/AA

Charter Medical Corporation offers an excellent opportunity for you to broaden your expertise at Tawam Hospital, Al Ain, Abu Dhabi, United Arab Emirates. This state-of-the-art, 250-bed referral facility is operated to JCAH standards and staffed with North American and Western European doctors and nurses.

An immediate need exists for a Board Certified Nuclear Medicine Physician with 3 to 8 years post-certification experience. Familiarity with the following is essential: 400 AC/T SPECT, 300 A MOBILE STAR II PROCESSING UNIT.

The financial rewards are outstanding and include provided housing, tax-sheltered income and generous paid vacation.

Please respond immediately by sending C.V. to:
CHARTER MEDICAL CORPORATION
Attn: Sharon Dixon
577 Mulberry Street
Macon, GA 31208

**Nuclear Medicine Technologist**

New England Medical Center, located in downtown Boston, Massachusetts, is a major teaching hospital affiliated with Tufts University School of Medicine. Our progressive, all-digital department has full time opportunities available for qualified individuals. The ideal candidate will perform a full range of procedures including nuclear cardiology, SPECT, and digital image processing. Must be registry eligible.

Please send resumes to Peter D'Alessandro.

Salaries are excellent. Benefits include 3 weeks vacation, medical coverage, life insurance, tuition assistance, night transportation, and more.

NUCLEAR MEDICINE DIRECTOR

Center for Molecular Medicine and Immunology

The Center for Molecular Medicine and Immunology, a specialized cancer research and treatment center, is seeking a Director for its Institute of Nuclear Medicine. A national leader in the development and application of nuclear medical and radiopharmaceutical approaches to cancer research is sought to direct the current program of this clinical research unit, including the recruitment of medical and scientific personnel. Special consideration will be given to those individuals with interest in imaging and therapy. Excellent clinical and laboratory facilities are available to the successful candidate expected to develop independent and vigorous research programs. Applicants must hold an MD or (*)/MD degree, be Nuclear Medicine Board-certified or eligible, and have administrative experience as well as excellent credentials in research with a history of extramural funding. Candidate will be eligible for senior administrative appointment in Nuclear Medicine at New Jersey Medical School, University of Medicine and Dentistry of New Jersey (UMDNJ).

The Center is located on the Newark campus of UMDNJ and is associated with several of UMDNJ’s clinical research and educational programs. In close proximity are excellent opportunities for educational, research, and cultural exchange among the many outstanding institutions within the greater New Jersey-New York Metropolitan area. Adequate housing exists in several adjacent communities and within short commuting distances of both the Center and New York City.

Applications, to include curriculum vitae, bibliography, a statement of career and research goals and the names of three references, should be sent to:

David M. Goldberg, Sc.D., M.D.
President
Center for Molecular Medicine and Immunology
1 Bruce Street, Newark, New Jersey 07103
An Equal Opportunity Employer

NUCLEAR MEDICINE TECHNOLOGIST

Position available, due to expanded operation, for a registered or certified nuclear medicine technologist in a 448-bed, acute care hospital in a northeast Texas city of 55,000 population. Emphasis on nuclear imaging, ECT, thallium-201 stress studies and gated heart studies. Equipment: Picker DDC ECT Gauntry gamma camera and two Technicare gamma cameras. Cameras are interfaced to ADAC 3300 or ADAC 2800 computers. For more information send resume or call: Assistant Personnel Director, Wadley Regional Medical Center, 1000 Pine St., Texarkana, TX 75501; (214)794-7334. EOE.

NMR CLUB

The Task Force on Interrelationships with NMR is seeking active members to join in the petition for Council status.

OBJECTIVE—The proposed council will offer specialists the opportunity to have a forum for discussion and rapid dissemination of information pertaining to NMR and NMR Spectroscopy.

Those interested are cordially invited to attend a special session being held during the 34th annual meeting, June 3, 1987, at 4:45 P.M., at the Toronto Convention Centre. Room assignment to be announced.

To receive a copy of the petition, please write to: Membership Department, The Society of Nuclear Medicine, 136 Madison Avenue, Dept. 387JC, New York 10016-6760, (212)869-0717.

PEOPLE COMMITTED TO LIFE

NUCLEAR MEDICINE TECHNOLOGIST

St. Joseph Regional Medical Center currently has a position available for a registered or registry eligible (ART or CNMT) Nuclear Medicine Technologist.

Experience with all general types of nuclear scanning procedures required. Knowledge of nuclear cardiology procedures and computerized nuclear medicine equipment experience preferred. Applicant must have the ability to work with minimum supervision.

We are an expanding major referral center, state-of-the-art technology and our philosophy are the key elements in provision of quality care. Our newer progressive medical center is in a mild weather community located near three major rivers where seasonal activities abound.

For more information please contact Brenda Edwards at:

St. Joseph Regional Medical Center
P.O. Box 816 • Lewiston, Idaho 83501
(208) 799-5462

Equal Opportunity Employer

Volume 28 • Number 3 • March 1987

Supervisor

Nuclear Medicine

Under the direction of the Director of Nuclear Medicine, you will supervise the daily operations and perform all tasks conducted in the department.

You will assume responsibilities with the Director for the proper technical, clinical and operational performance of the department including coordinating/scheduling of patients for tests involving other departments. You will also initiate, monitor and ensure adherence to the quality control program.

Qualifications for this position include registration as a Nuclear Medicine Technologist with the American Registry of Radiology Technologists or the equivalent, and 2 years related experience of demonstrated supervisory ability.

For consideration, send resume to: TUCSON MEDICAL CENTER, Manager of Employment/Recruitment, P.O. Box 42155, Tucson, AZ 85739. EOE.

TUCSON MEDICAL CENTER
LABORATORY MANUAL
for Nuclear Medicine Technology

Written by Wanda M. Hibb, CNMT, and Sue P. Lance, CNMT

In response to a need for standardizing the learning experiences of student technologists, the Laboratory Manual for Nuclear Medicine Technology has been prepared for nuclear medicine technology training programs. The exercises were written by educators with years of experience in their respective areas of expertise and were field tested by technologists in nuclear medicine schools—both instructors and students.

This manual will serve to enhance the student's knowledge of a standard curriculum and develop competency in clinical practice. It provides the most comprehensive training resource available to be used in a laboratory setting. In addition, this manual will aid residents in fulfilling the NRC requirements for licensure.

Softcover format, 8½ x 11”, 163 pp. Publication date: July 1984

ABBREVIATED CONTENTS
Part I: Radiation Safety
Part II: Instrumentation
Part III: Physics
Part IV: Radiopharmacy
Part V: Radiochemistry
Part VI: Patient Care

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136 Madison Avenue, Book Order Dept. 267J
New York, NY 10016-5760 (212) 889-0717

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Please send order or direct any inquiries to:

SNM Audiovisuals
P.O. Box 10503
Chicago, IL 60610
(312) 943-0450

Please make check payable to The Society of Nuclear Medicine

Name ____________________________
Address __________________________
City ____________________________
State _________ ZIP
Tel. ________

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□ CEL 45
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New Products

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Nuclear Medicine Computer System

CMS has introduced its Remote Automatic Computing Engine™ (RACE), a nuclear medicine computer system, priced at $15,000, including proprietary communication software, processing and display software, and two modems for the transmitting and receiving sites.

Operation of the system is from menus using the mouse pointing device. Modern connection by standard telephone lines to the transmitting CMS ACE (Automatic Computing Engine™) is executed automatically by the computer when the desired telephone number is provided. The study required by the physician is selected, using the mouse, from a list sent to the RACE terminal. The study is transmitted and the RACE directories updated automatically after the selection is made. The physician may then display and process the image data with functions and programs identical to those available at the sending site, according to the company.

The hardware at the RACE terminal includes an IBM PC computer with 512 Mbyte RAM, 30 Mbyte Winchester, and 1.2 Mbyte floppy; 256 color/grey level display; monochrome monitor; keyboard and mouse pointing device. CMS, PO. Box 45, Springfield, WI 53176.

Circle Reader Service No. 101

Radiation-Resistant Surgical Glove

Chemco Photoproducts Inc., Medical Imaging Group, Charles St., Glen Cove, NY 11542,

Circle Reader Service No. 103

Physician Slide Program on Osteoporosis

Lunar Radiation Corp. is distributing a 35mm slide program on osteoporosis, suitable for physicians and health professionals. The slide set was developed by T.J. Harrington Jr., MD, a rheumatologist and director of an osteoporosis center.

The 37 slide presentation discusses impact, pathophysiology, clinical risk factors, diagnosis, bone measurement, and therapy for osteoporosis. Epidemiologic information and population studies are included. A text explaining each slide is provided. The price is $75, including postage. Lunar Radiation Corp., 313 W. Beltine Hwy., Madison, WI 53713.

Circle Reader Service No. 102

New Image System

Chemco Photoproducts Inc. has introduced a NewImage™ system which automatically produces a duplicate set of images made by the physician’s primary camera or video system, according to the company. NewImage™ operates independently or in parallel with imaging cameras used in nuclear medicine, x-ray computed tomography (CT), nuclear magnetic resonance (NMR), ultrasound, and digital radiography. The images produced by the system are processed in 58 seconds, rendering a positive hard copy which has archival permanence, according to the company.

The system can be used with Chemco’s Powermat URP film products. Chemco Photoproducts Inc., Medical Imaging Group, Charles St., Glen Cove, NY 11542.

Circle Reader Service No. 104
If you're looking for the best uptake system, designed for patient comfort and easy operation, take a look at the Thyroid Uptake System II from Atomic Products.

It sets new performance standards because it is "truly dedicated" to thyroid uptake activity studies.

Operation is simple, and straightforward, thanks to the user-friendly menu selection and logical control panel design. All operations and calculations are handled by a high-speed microprocessor with data displayed on the built-in video monitor. An optional printer is available for hard copy.

The isotope menu is preselected for 7 isotopes (I-123; I-125; I-131; Co-57; Cr-51; Tc-99m; Cs-137), with a manual override.

Patient measurements are automatically decay corrected, and it calculates the final uptake percentage. It has a memory capacity for 8 separate patients, 3 measurements per patient.

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