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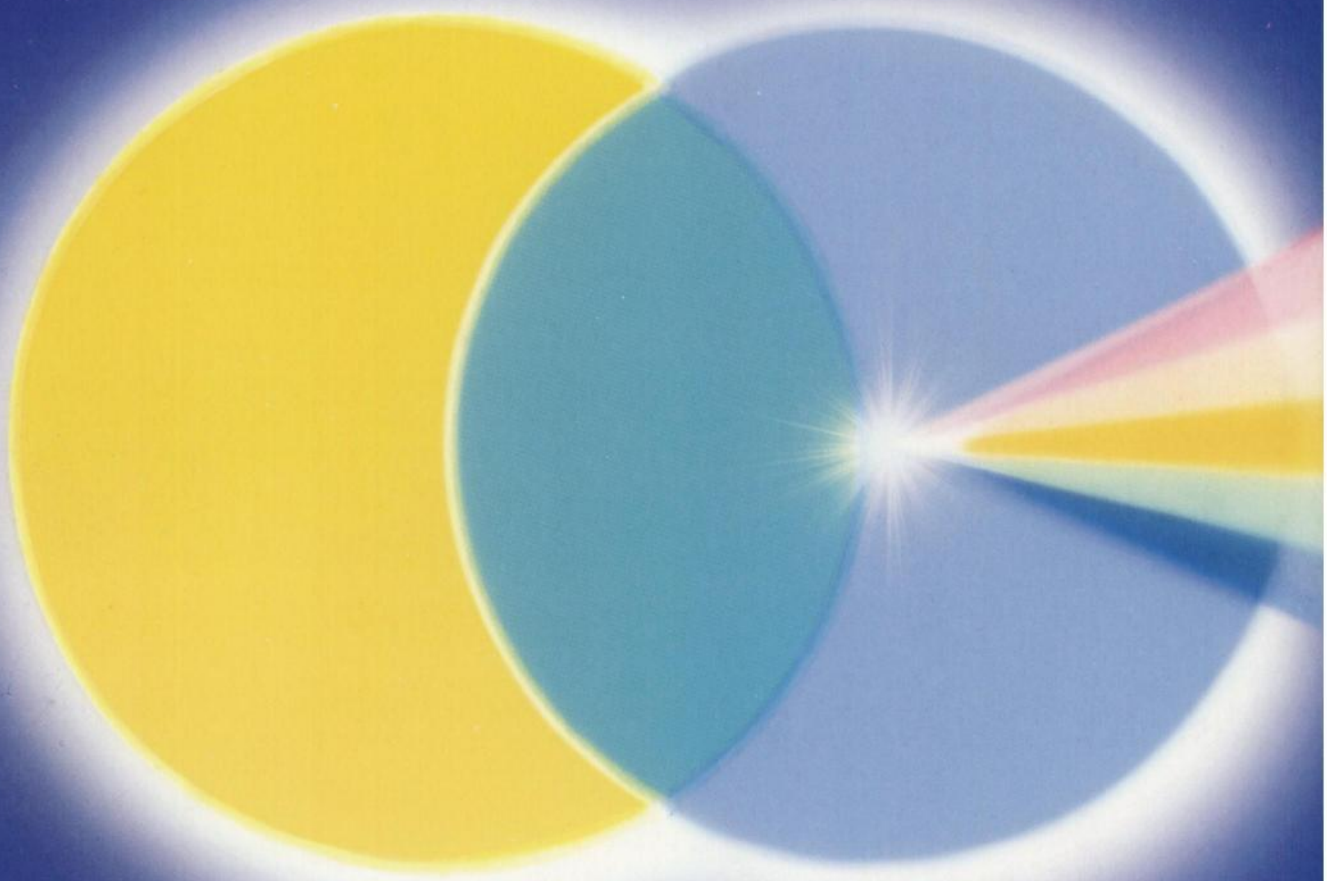
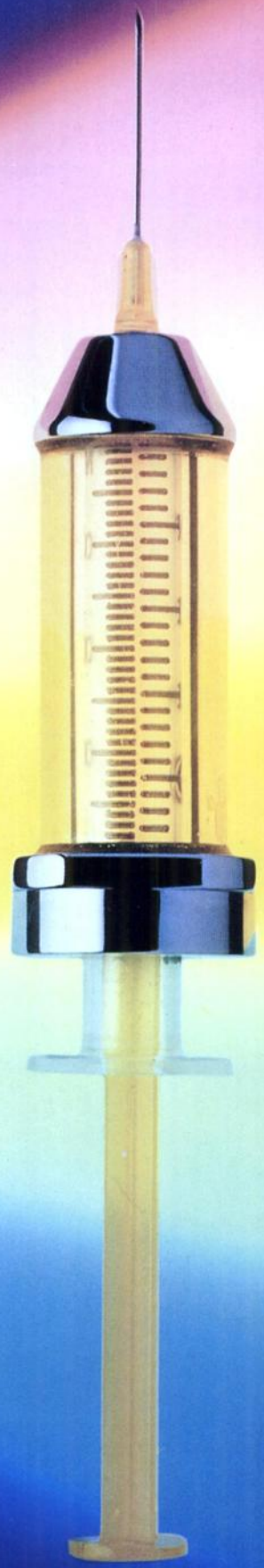


spectrum and services...



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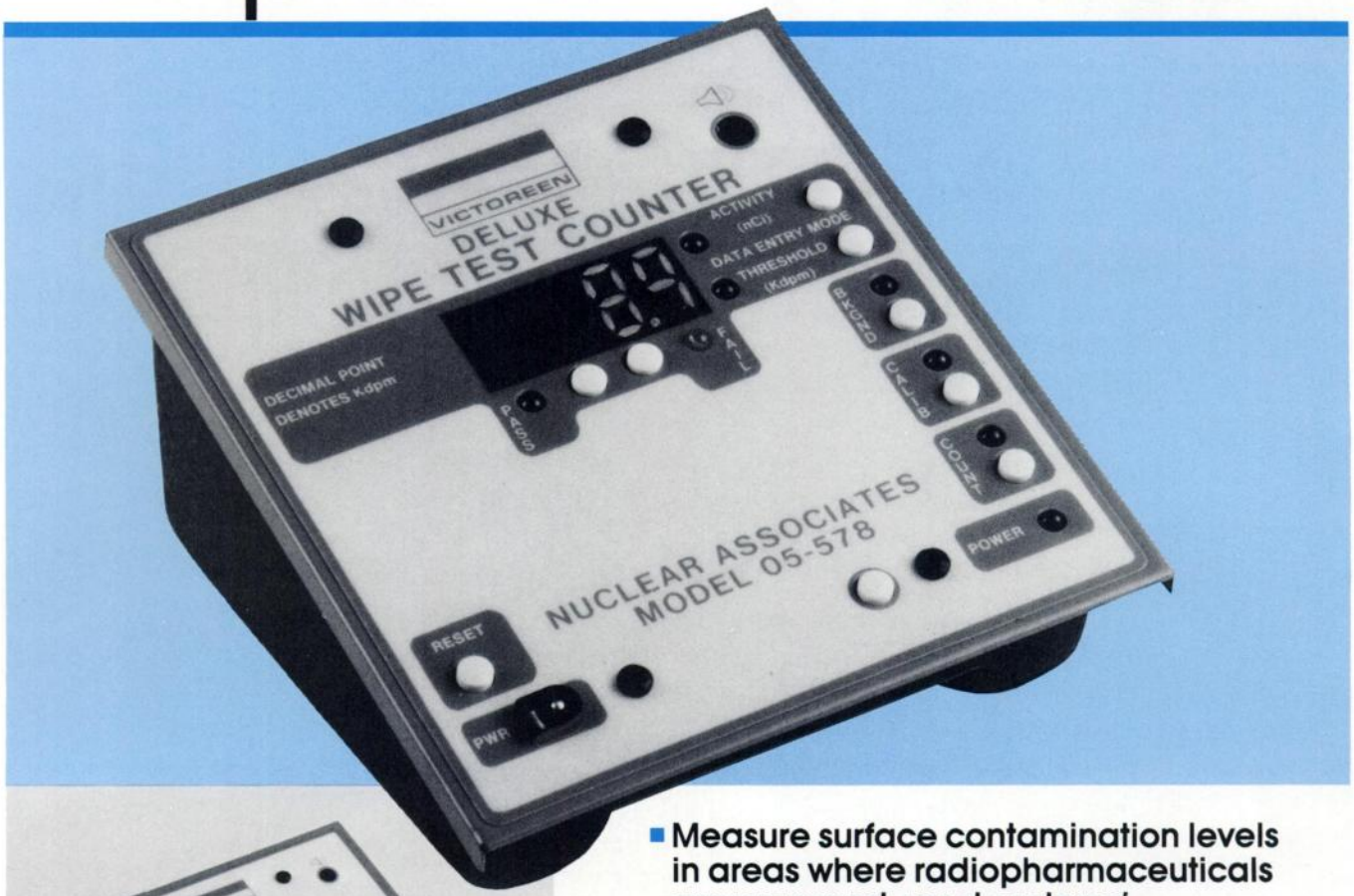
NEW!

Wipe Test Counters



- Measure surface contamination levels in areas where radiopharmaceuticals are prepared, used or stored.
- Meet new Nuclear Regulatory Commission requirements for determining contamination levels.
- Dedicated instruments are low in cost, easy to use.

Both the Deluxe Wipe Test Counter (with LED digital display) and the Standard Wipe Test Counter include a ^{137}Cs, 1 μCi test source, plus a package of 200 pre-numbered ½" diameter wipes.

For more details, request Bulletin 407-35

Circle Reader Service No. 2

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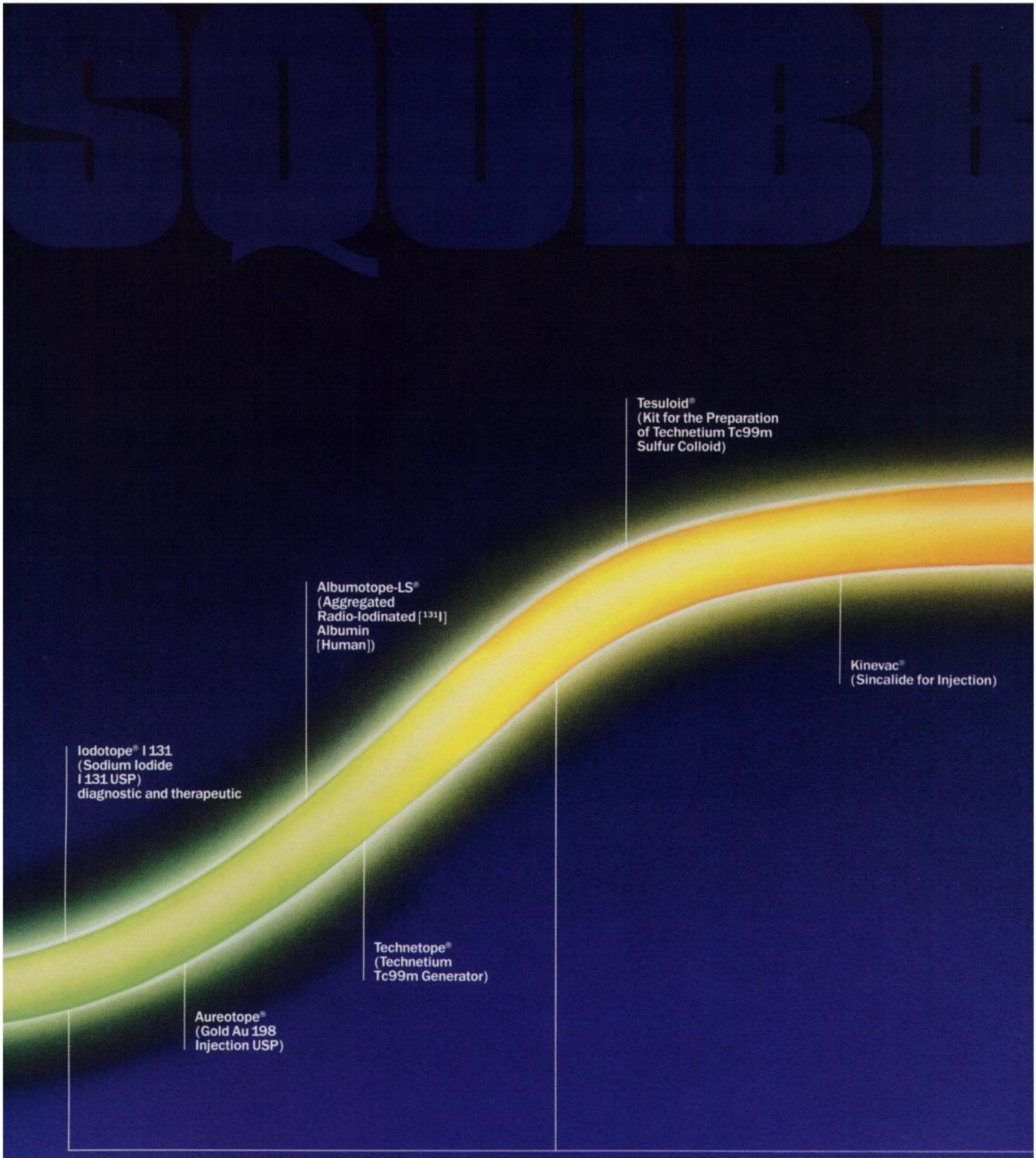
SQUIBB

A Profile of Progress in Nuclear Medicine

SQUIBB™
Diagnostics



The Years of Growth
Nuclear medicine emerged from the experimental stage into a phase of rapid clinical growth. The number of procedures performed rose rapidly during the 1960s. During this same period, Squibb Diagnostics developed and introduced important products and services for nuclear medicine, including the first sterile technetium generator, nuclear medicine training seminars and technical support through the Technical Associates Program.

The Years of Refinement
The '70s saw the development of other imaging modalities which drew procedures away from nuclear medicine and slowed its growth. Developments and advances continued, however, and Squibb introduced a variety of radiopharmaceutical products, including Macrotec. Squibb's Choletec* was introduced in 1987, and quickly became the premier hepatobiliary imaging agent.

Nuclear Medicine: A Distinguished Past, A Promising Future

Macrotec®
(Kit for the Preparation of Technetium Tc99m Albumin Aggregated)

Choletec®
(Kit for the Preparation of Technetium Tc99m Mebrofenin)

New heart imaging agents

New brain imaging agent

The Years of Promise
The future of nuclear medicine is bright, and Squibb's contributions to it continue. New Squibb brain and heart agents are now in clinical development. In addition to extensive research and development, the Squibb contribution to nuclear medicine continues with technical support and professional education programs.

*See brief summary on following page.

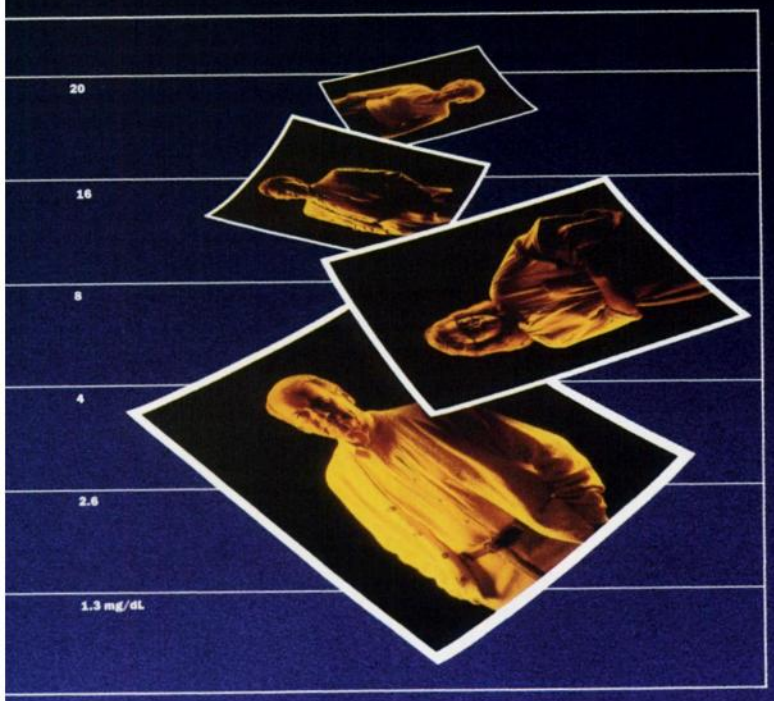
Call 1-800-257-5181 for educational materials, product information or technical assistance. In New Jersey: 1-800-582-5913

SQUIBB™
Diagnostics

CHOLETEC®

(Kit for the Preparation of Technetium Tc99m Mebrofenin)

The Hepatobiliary Agent for a Wide Range of Bilirubin Levels



With Choletec, you can obtain diagnostic-quality hepatobiliary images even in patients whose bilirubin is significantly elevated. Choletec demonstrated low renal excretion even at bilirubin levels up to 25 mg/dL.[1] In two studies[2] in which Choletec was administered to patients having mean elevated serum bilirubin levels of 9.8 mg/dL (1.7 to 46.3 mg/dL), the mean percent injected dose excreted in the urine during the first three hours was only 3% (0.2% to 11.5%).

Low Renal Excretion
Only 3% on average in first 3 hours.

Reduced Procedural Time
Rapid hepatic transit and excretion permits visualization of the liver in normal subjects in 5 minutes, hepatic duct and gallbladder in 10-15 minutes and intestine in 30-60 minutes. Answers to important diagnostic questions may be obtained in less than one hour.

18-Hour Use Time
Choletec may be used up to 18 hours after reconstitution—three times longer than disofenin. Choletec contains a preservative.

CHOLETEC®
Kit for the Preparation of Technetium Tc 99m Mebrofenin

DESCRIPTION
Each reaction vial contains a nonradioactive, sterile, nonpyrogenic mixture of 45 mg mebrofenin, 0.54 mg (minimum) stannous fluoride dihydrate, $SnF_2 \cdot 2H_2O$ and 1.03 mg total tin, maximum (as stannous fluoride dihydrate, $SnF_2 \cdot 2H_2O$), not more than 5.2 mg methylparaben, and 0.58 mg propylparaben. The pH is adjusted with sodium hydroxide or hydrochloric acid prior to lyophilization. The contents of the vial are lyophilized and sealed under nitrogen at the time of manufacture. The pH of the reconstituted product is 4.2 to 5.7.

When sterile, pyrogen-free sodium pertechnetate Tc 99m infection is added to the vial, the diagnostic agent Technetium Tc 99m Mebrofenin is formed for administration by intravenous injection.

INDICATIONS AND USAGE
Technetium Tc 99m Mebrofenin is indicated as a hepatobiliary imaging agent.

CONTRAINDICATIONS
Hypersensitivity to this compound.

WARNINGS
The theoretical possibility of allergic reactions should be considered in patients who receive multiple doses.

PRECAUTIONS
General
Contents of the reaction vial are intended only for use in the preparation of Technetium Tc 99m Mebrofenin and are not to be administered directly to the patient.

Delayed or non-visualization of the gallbladder may occur in the immediate post-prandial period or after prolonged fasting or parenteral feeding. Functional biliary obstruction may accompany chronic cholecystitis or pancreatitis. In addition, patients with hepatocellular disease may show nonvisualization or delayed visualization of the gallbladder. Delayed intestinal transit may also be noted in such patients. Juvenile hepatitis may be associated with gallbladder nonvisualization and the failure to visualize activity in the intestine. Administration of meperidine or morphine may delay intestinal transit of the imaging agent and may result in nonvisualization. Septic patients may show absent or delayed hepatobiliary clearance. Thus, a positive finding does not of itself permit a differential diagnosis of any of the above conditions and should be evaluated in the light of the total clinical picture and results of other diagnostic modalities.

The components of the kit are supplied sterile and non-pyrogenic. Aseptic procedures normally employed in making additions and withdrawals from sterile, non-pyrogenic containers should be used during the addition of the pertechnetate solution and the withdrawal of doses for patient administration.

The technetium Tc 99m labeling reactions involved in preparing the agent depend on maintaining the stannous ion in the reduced state. Any oxidant present in the sodium pertechnetate Tc 99m supply may, thus, adversely affect the quality of the radiopharmaceutical. Hence, sodium pertechnetate Tc 99m containing oxidants should not be employed.

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.

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 ensure minimum radiation exposure to occupational workers.

Tc 99m Mebrofenin should be formulated no more than 18 hours prior to clinical use.

Carcinogenesis, Mutagenesis, Impairment of Fertility
No long term animal studies have been performed to evaluate carcinogenic potential or whether Technetium Tc 99m Mebrofenin may affect fertility in males or females.

Pregnancy Category C
Animal reproduction studies have not been conducted with Technetium Tc 99m Mebrofenin. It is also not known whether Technetium Tc 99m Mebrofenin can cause fetal harm when administered to a pregnant woman or can affect reproductive capacity. Technetium Tc 99m Mebrofenin 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 elective in nature, in women of childbearing capability, should be performed during the first few (approximately 10) days following the onset of menses.

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

Pediatric Use
Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS
Although no adverse reactions have been reported specifically for Technetium Tc 99m Mebrofenin, rare cases of pruritic rash, chills, and nausea have been reported with related compounds.

HOW SUPPLIED
Choletec (Kit for the Preparation of Technetium Tc 99m Mebrofenin) is supplied in kits of 10 reaction vials. J3-599B

1. Klingensmith WC III, Fritzberg AR, Spitzer VM, et al; Work in progress: Clinical evaluation of Tc99m-trimethylbromo-IDA and Tc-99m-diisopropyl-IDA for hepatobiliary imaging. *Radiology* 146:181-184, January, 1983.
2. Data on file, Squibb Diagnostics.

SQUIBB™ Diagnostics | medi+physics® a subsidiary of Hoffmann-La Roche Inc.

Other Squibb Diagnostics Agents

Macrotec®
(Kit for the Preparation of Technetium Tc99m Albumin Aggregated)

Iodotope®
(Sodium Iodide I 131 Capsules USP Diagnostic • Oral and Sodium Iodide I 131 Solution USP Therapeutic • Oral)

Phosphotec®
(Kit for the Preparation of Technetium Tc99m Pyrophosphate)

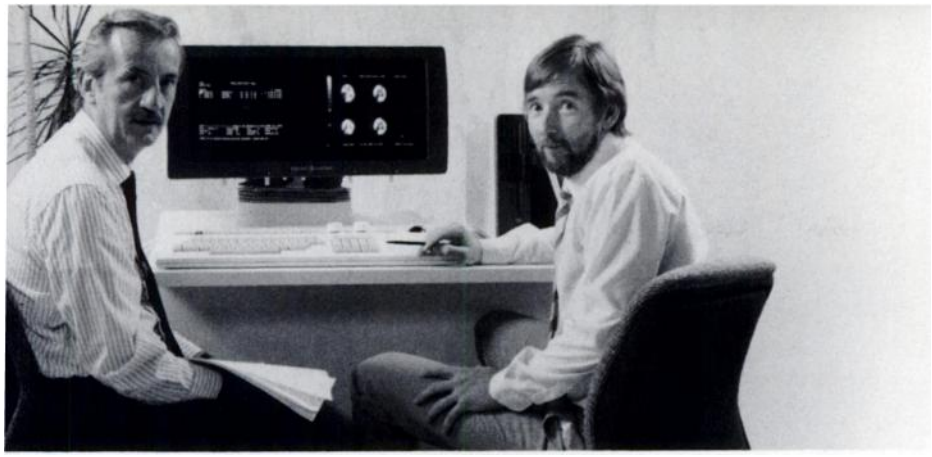
Tesuloid®
(Kit for the Preparation of Technetium Tc99m Sulfur Colloid)

MDP-Squibb®
(Kit for the Preparation of Technetium Tc99m Medronate)

Choletec may be ordered through your Squibb or Medi-Physics representative

Circle Reader Service No. 67

608-501 Issued Feb. 1988



NO. 57 IN A SERIES

Dave Nowak, M.S.
Brian Cochrane, Ph.D.

Dave Nowak and Brian Cochrane are advanced development engineers in the GE Medical Systems nuclear projects engineering unit.

Advances in nuclear neurology

With the anticipated introduction of new brain radiopharmaceuticals, the use of emission computed tomography (ECT) imaging for neurological studies is expected to increase, creating special challenges for nuclear imaging. As a result, there have been a series of hardware and software improvements specifically designed to enhance ECT head images.

Optimized detector

The unique cut-off design of the 400AC *contoured detector* from GE Medical Systems permits unobstructed rotation around the head, reducing resolution to approximately 12 mm without relinquishing sensitivity.

Dr. Benjamin M.W. Tsui, University of North Carolina, has developed a *fan beam collimator* designed to improve resolution and sensitivity for tomographic brain imaging. Dr. Tsui has found that using the collimator in conjunction with the 400AC detector for close proximity imaging can improve spatial resolution to 9 mm.

Software developments

Three-dimensional surface image software offers a unique way to view radiopharmaceutical distributions within the body by allowing visualization of three-dimensional structural relationships. Evaluating defects in a single image is easier than looking at successive tomographic slices, especially when the defect is near the image surface.

Nowak reconstruction, a weighted back-projection technique, can reduce the effects of attenuation, scatter and loss of resolution due to distance from the camera, yielding images with improved contrast.

Clinical significance

The development of investigational brain imaging agents such as Iodoamphetamine (IMP) and others indicates the need for ongoing ECT improvements. At GE, research continues to meet the current and future requirements of ECT imaging.

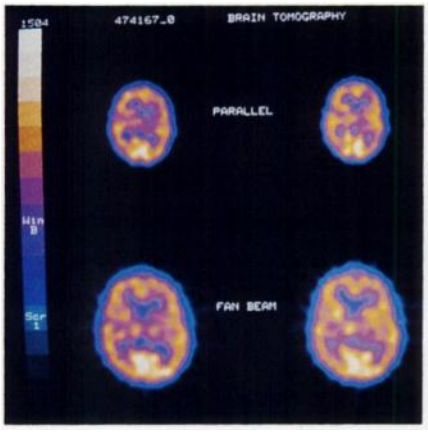


Fig. 1. Transaxial slices demonstrate resolution improvement with the fan beam collimator, particularly in the basal ganglia region.

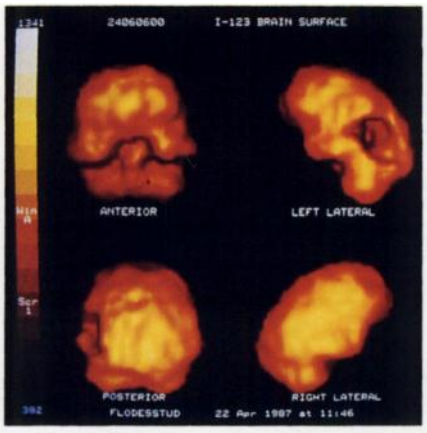


Fig. 2. Three-dimensional IMP images show the extent of a cerebral infarction.

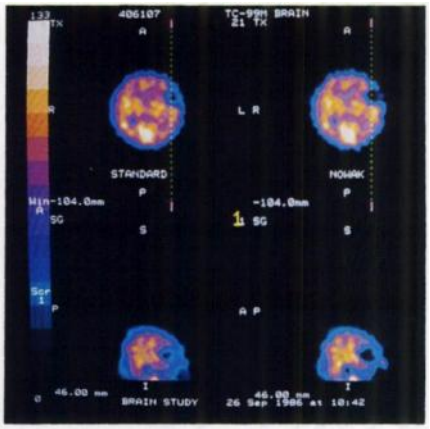
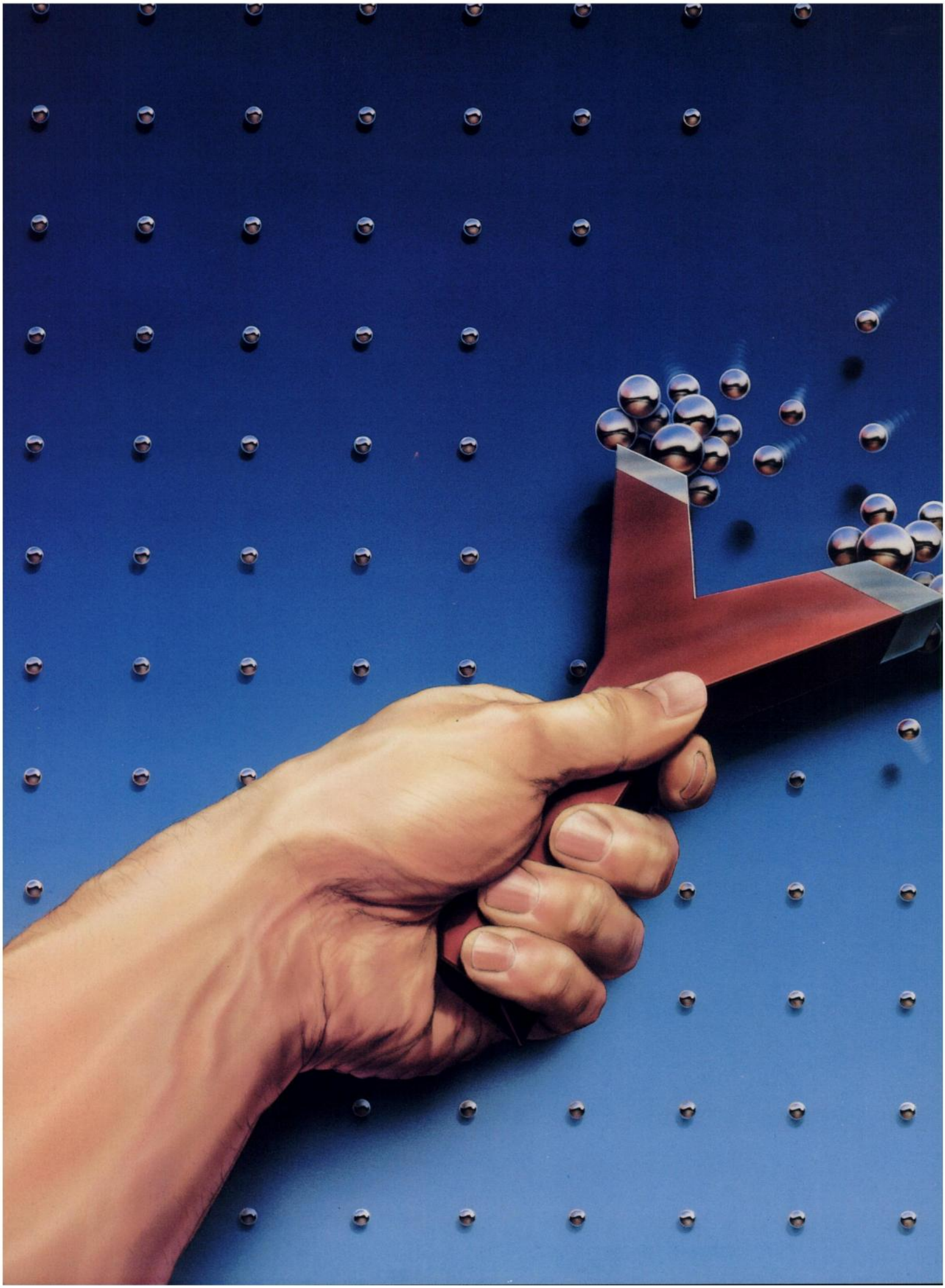


Fig. 3. Transaxial and sagittal slices on right show improvement in resolution and contrast with Nowak reconstruction.



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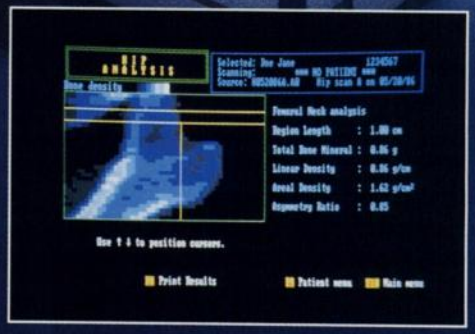
The NORLAND Model 2600 Dichromatic Bone Densitometer System. The clear choice in bone density measurement for: Lumbar Spine Analysis, Hip Analysis, Whole Body Analysis, Local Region Analysis, and Normals Comparison. And Norland is busy right now developing new application software.

These software packages allow you to make better-informed decisions because you get the data you need in a clear, concise, easy to interpret format.

The hardware is designed for extended performance and versatility. Multi-tasking capabilities, large buffer memories and concurrent operations combine for easy set-up, along with quicker scanning and data analysis.

And we back it all with a continuing commitment to match our technology with your future requirements. A commitment that *always* includes our ongoing support and service; and a customer-first attitude you thought was a thing of the past.

Call us today at **800-742-1042** to discuss your requirements. We respond.



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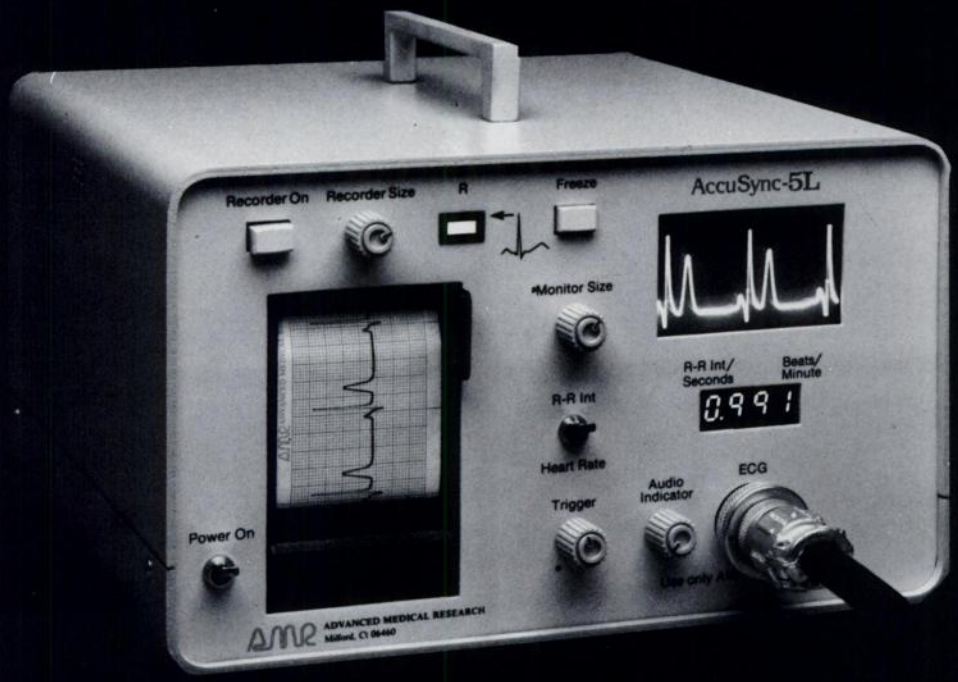
AMR's AccuSync provides R-wave detection with precision and reliability.

The finest R-wave Triggering device available for computerized gated cardiac studies.



AccuSync-5L Features

- Isolation Amplifier for Patient Safety.
- Digital CRT Monitor.
- ECG Strip Chart Recorder.
- Heart Rate/R-R int.
- Trigger Pulse LED.
- Trigger Control for Ease of Lead Placement and Precise Location of Trigger Pulse.
- R-Trigger Output, Compatible with all Computers.
- No Delay.
- ECG Output
- Playback Mode. (optional)
- Event Marker. (optional)
- Audio Indicator.

MODEL	FEATURES
AccuSync-6L	All **AccuSync-5L** features with the exception of the Strip Chart Recorder.
AccuSync-IL	All **AccuSync-5L** features with the exception of Digital CRT Monitor.
AccuSync-3R	All **AccuSync-IL** features with the exception of the Strip Chart Recorder and Playback Mode.
AccuSync-4R	All **Accu Sync-3R** features with the exception of the Heart Rate/R-R int. display.

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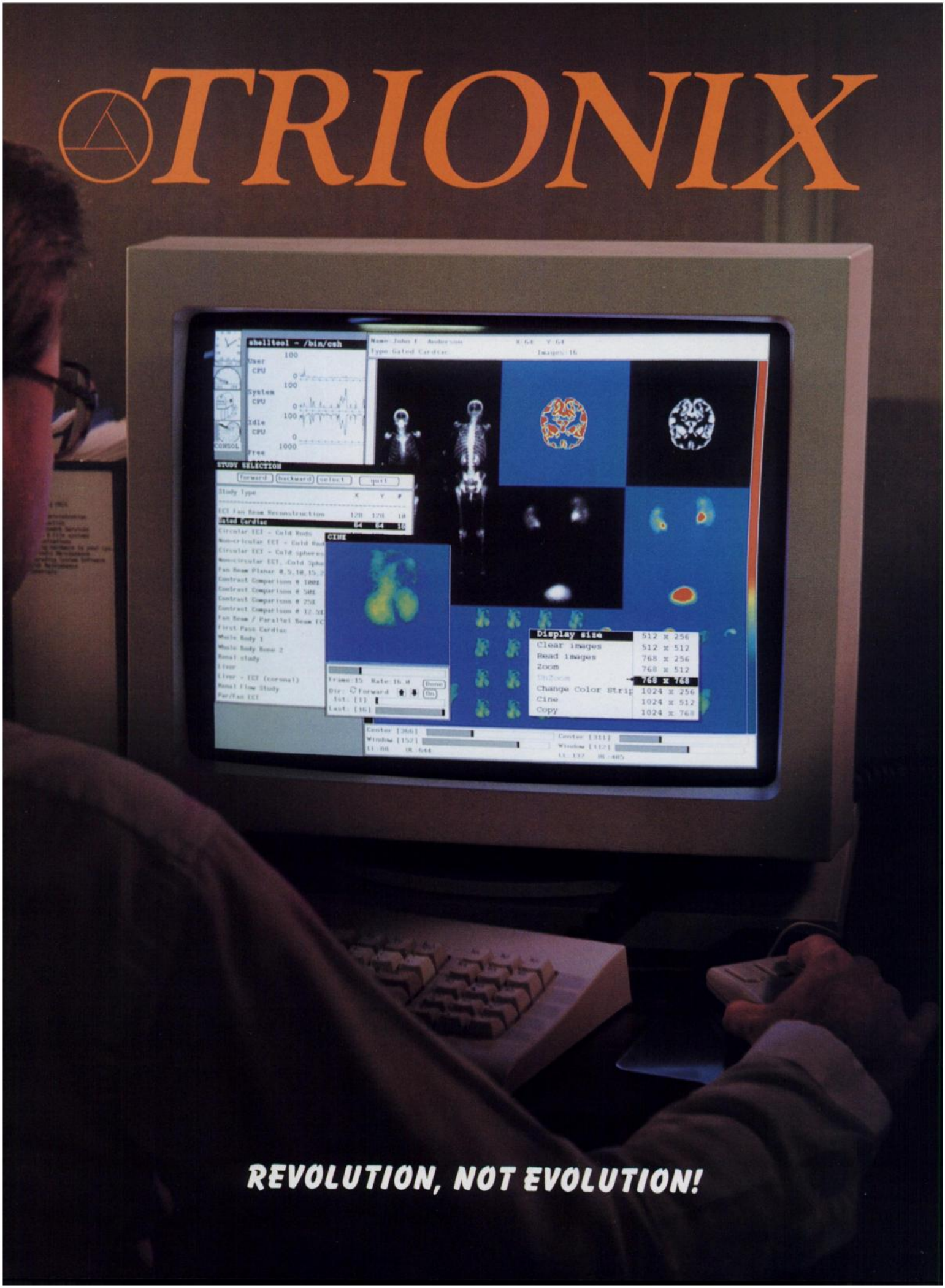
TRIONIX



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TRIAD and BIAD
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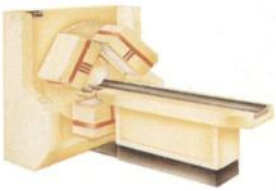
TRIAD

The Trionix™ revolution begins with the Triad. It combines our



outstanding computer with the most advanced SPECT system design in the industry. Three wide field gammma cameras, set in a triangle, move radially to tightly surround the head or torso for superior 3-D imaging of either the brain or body organs.

Also, while the three-camera design makes Triad the optimal SPECT workhorse, it also excels at planar and wholebody imaging.

And the best part is fast Dynamic SPECT. Triad can reduce 360° data acquisition to five seconds for continuous images without a time gap. Compare this to other systems.

Is Cost an issue? Triad's ability to do three to five times the patient volume at less than twice the cost of most single camera systems means more studies per day at a lower average cost.

But, Triad's only half the story. Trionix also introduces the Biad.

BIAD

The Biad combines Triad's elegant, but solid gantry and powerful

computer with two extra wide, true rectangular gamma cameras to create a system optimized for wholebody imaging.

With two extra wide cameras, Biad can complete a posterior and anterior wholebody study in *ONE* pass. In addition, Biad offers you a SPECT capability second only to Triad.

These features plus *twice* the sensitivity of most one camera systems can be yours with Biad.

Frustrated with difficult non-circular set-up? We've solved that problem with our interactive gantry display and simplified set-up procedure.

The highest performing systems deserve the utmost in processing power. **An integral part of every Triad and Biad system is our fast, flexible computer system** *(actual monitor shown left)*.

COMPUTER

As demonstrated at the June SNM show, Trionix mixes tremendous computing power with the industry's largest, most flexible image display and the ease of mouse control to create a new standard in nuclear medicine.

Don't believe us? Compare these features to your current system:

- *TRUE* 32 bit system
- UNIX™ O/S
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And so, the Trionix revolution has begun. If you agree that it's time to replace old ideas with bold new approaches, call us at

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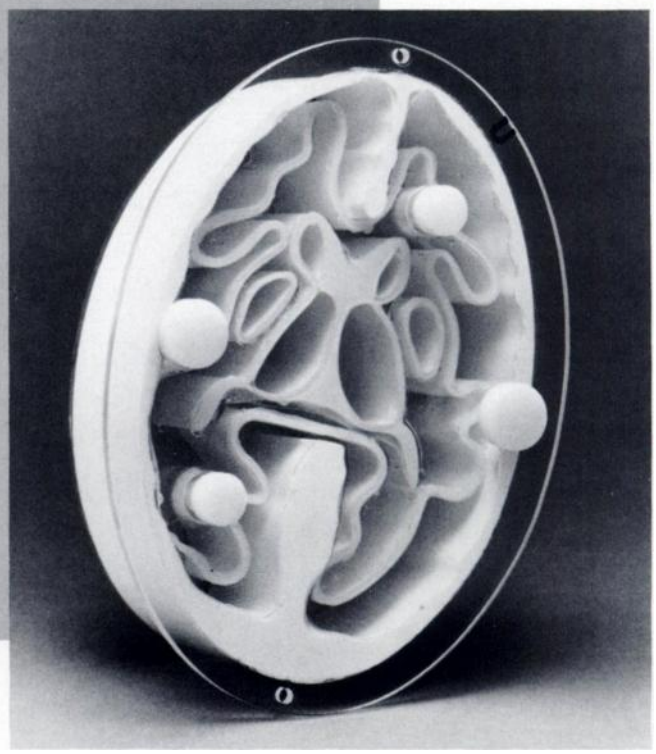
SPECT PHANTOMS

Monitor your system's performance with Capintec's IB-20 Brain Phantom developed to simulate cerebral I-123 IMP distribution in cerebral blood flow studies. For consistent image quality count on Capintec's full line of Spect Phantoms.



CAPINTECNOLOGY AT WORK:

CAPINTEC-VEST™

Ambulatory left ventricular studies are now a reality, thanks to the CAPINTEC-VEST.™ Data generated using the system includes synchronized ejection fraction, relative cardiac volumetric measurements, heart rate and electrocardiographic analysis.

Capintec plus technology

On many fronts, this combination is an active force in exploring new techniques in nuclear medicine, as well as enhancing old ones. All to help you improve patient care.

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EXPANDING THE BOUNDARIES OF NUCLEAR MEDICINE.

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Setting New Standards In Thyroid Uptake Activity Studies.

The Thyroid Uptake System II sets new standards for uptake studies.

If you're looking for the Uptake System that offers the most features, is designed for patient comfort and easy operation, look to the New Thyroid Uptake System II from Atomic Products Corporation.

This is the Uptake System that sets new standards because it is "truly dedicated" to thyroid uptake activity studies.

Operation is simple, and straightforward, thanks to

the "user-friendly" menu selection and "easy-to-use" control panel. All operations and calculations are handled by a high-speed microprocessor with data displayed on the built-in monitor.

A printer is available for hard copy.

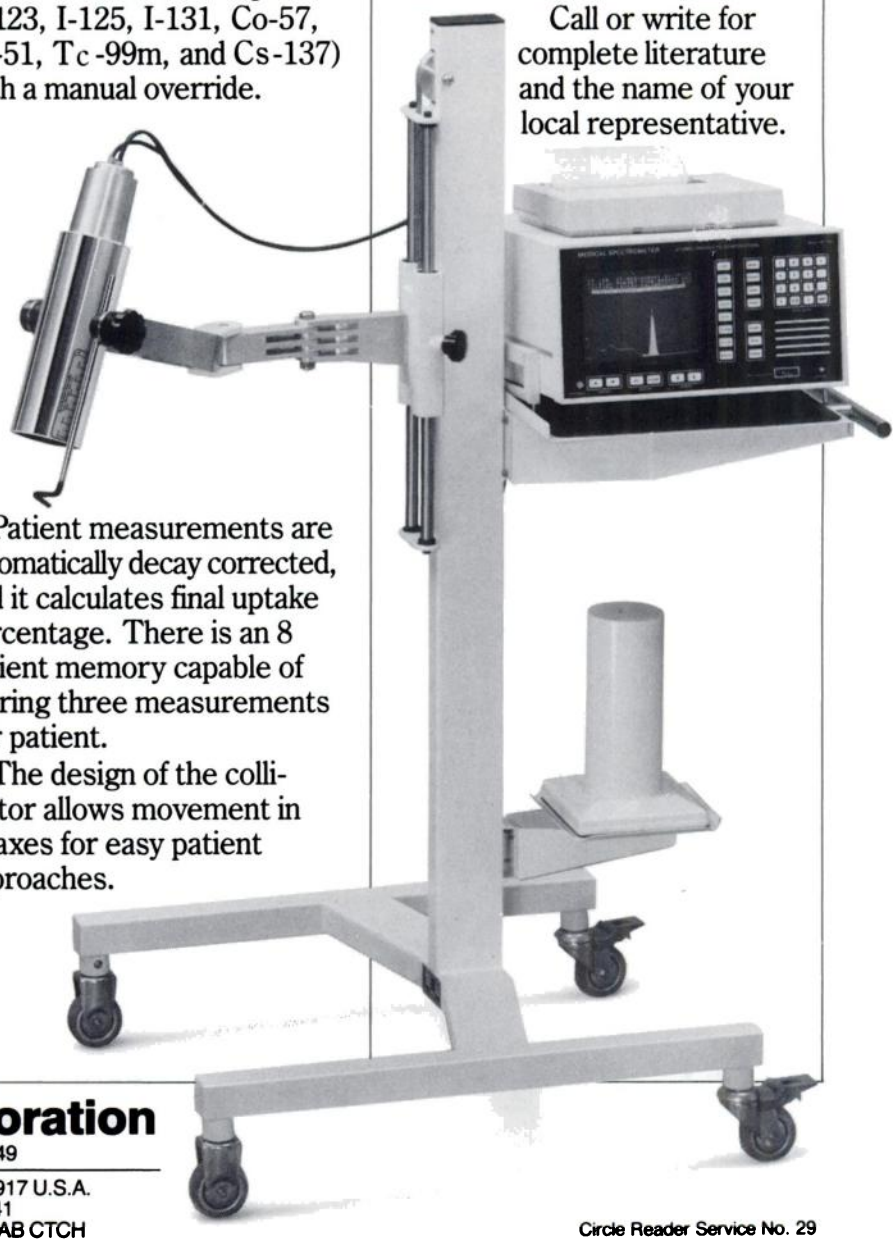
The isotope menu is preselected for 7 isotopes (I-123, I-125, I-131, Co-57, Cr-51, Tc-99m, and Cs-137) with a manual override.

Patient measurements are automatically decay corrected, and it calculates final uptake percentage. There is an 8 patient memory capable of storing three measurements per patient.

The design of the collimator allows movement in all axes for easy patient approaches.

The Thyroid Uptake System II can be configured as a free-standing unit or used in a table-top setting.

Call or write for complete literature and the name of your local representative.



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using aerosols to determine the patency of the pulmonary airway system? Use a gas (that's what the airway system is for), and Xenon (127 or 133) are gases which are safe, economical and easy to administer with the XENAMATIC™ 3000.

- Shielded for Xe 127 and Xe 133 (radiation profile available on request).
- World's only system that allows you to study patients on Ventilators.
- Largest and most efficient Xenon trap with a built-in monitor alarm system.
- Built-in O_2 monitor with digital display and control.
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- Low breathing resistance so you can study sick patients.
- Semi-automatic operation.
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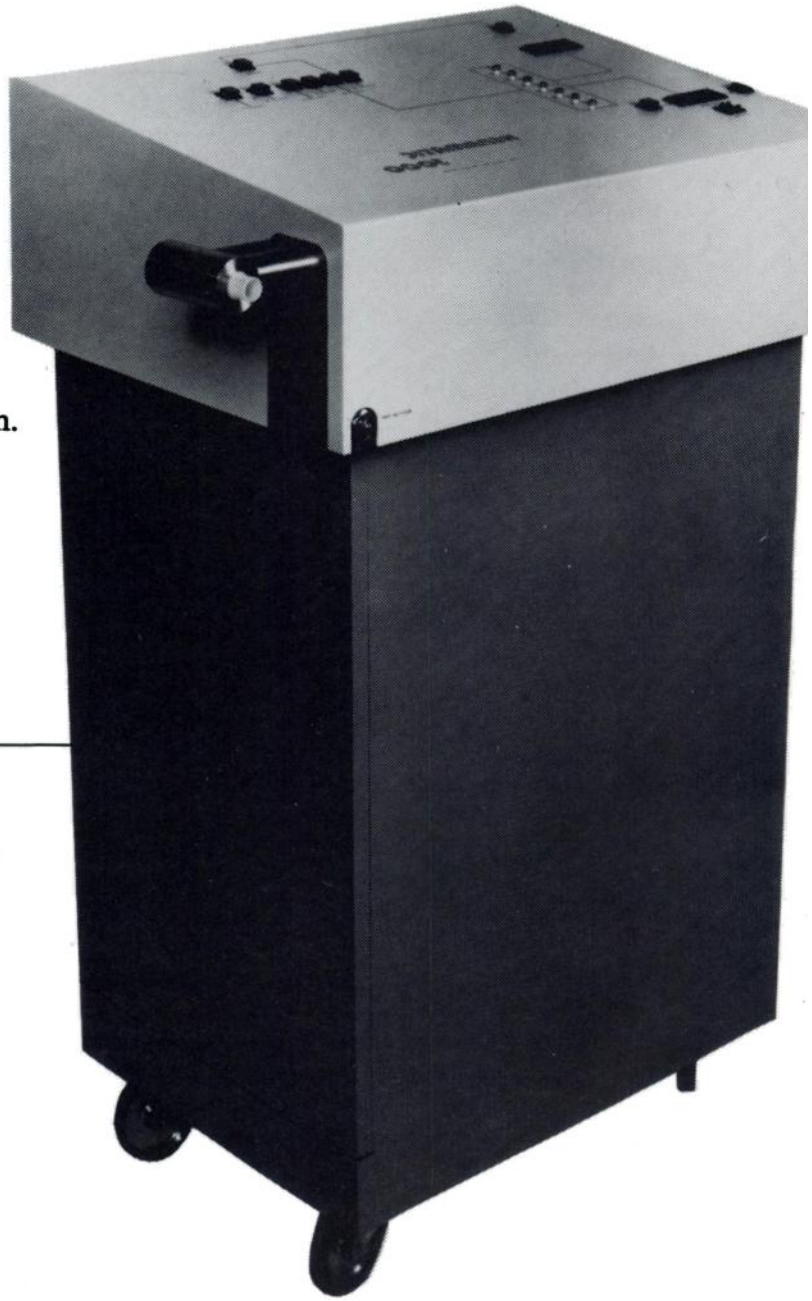

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Also available, Model 2000.

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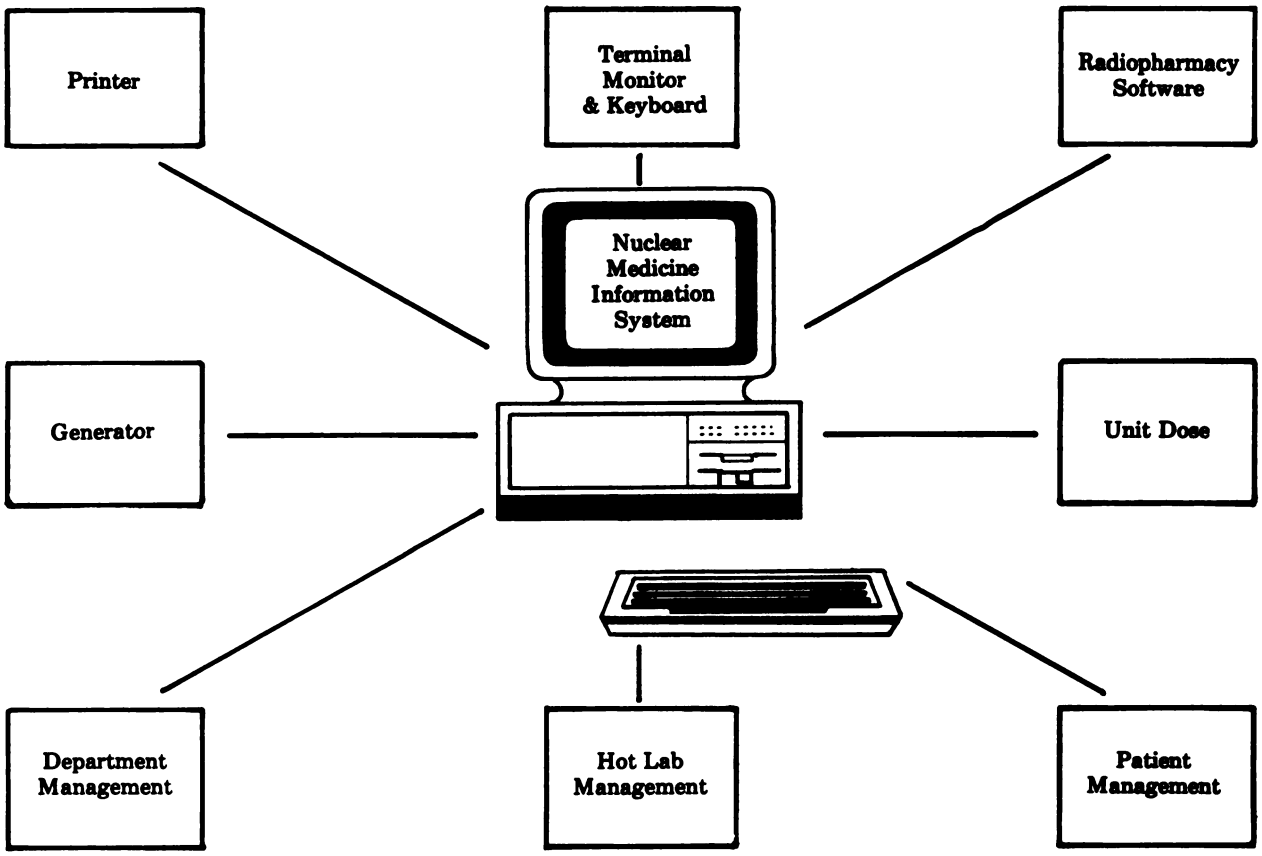
NUCLEAR MEDICINE INFORMATION SYSTEMS©

(Software Package)



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- —Inventory Control
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- —Generator and Kit Preparation
- —Ordering & Receiving Unit Doses
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- —Monthly and Yearly Statistics
- —Networking System Availability
- —Adaptable to Department's Needs
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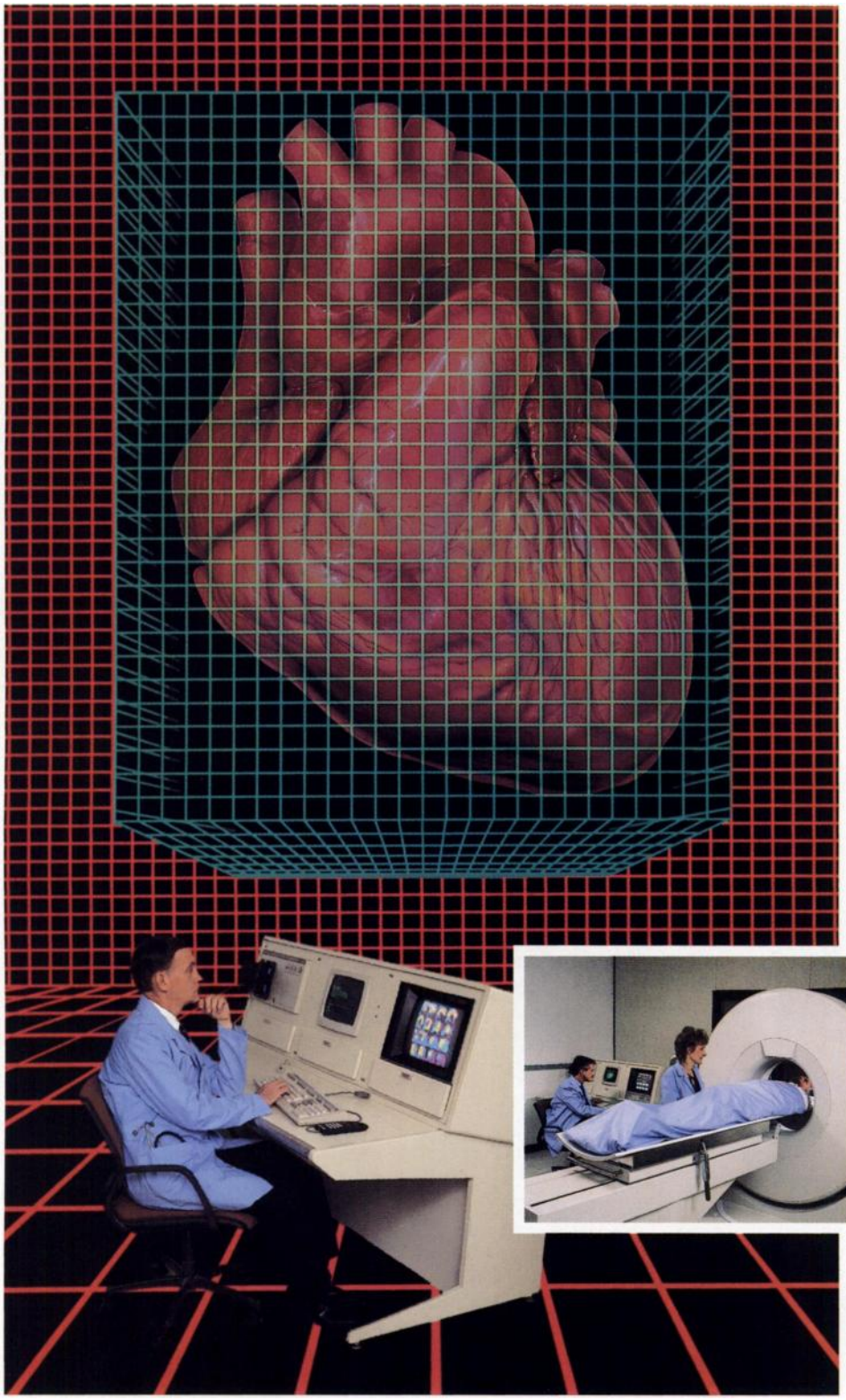
Circle Reader Service No. 54

POSICAM™: The most powerful imaging in Cardiology!



The POSICAM™ SYSTEM, from Positron Corporation means accurate, non-invasive diagnosis of coronary artery disease by routine clinical positron emission tomography. POSICAM™ provides high-speed, high resolution imaging using uniform 3-dimensional volumetric sampling, without data gaps between image planes. Twenty-one simultaneous overlapping slices of the whole heart in short axis, long axis, or angled views create the first and only true 3-dimensional pictures of cardiac perfusion, metabolism, and function.

User-friendly software, validated in over 700 clinical studies, gives unsurpassed throughput and data analysis. POSICAM™ is the only camera design tested in large clinical trials with generator-produced Rubidium-82 for cardiac imaging without a cyclotron. This revolutionary imaging system is now affordable for hospitals and clinics to provide the most advanced cardiac care for their patients.

Innovation and reliability for serious medical decisions that affect lives.

Positron has made the commitment.

POSITRON
CORPORATION

8080 El Rio Houston, Texas 77054
FAX: 713/796-1506 TEL: 713/741-4000

Circle Reader Service No. 11

EUROPEAN NUCLEAR MEDICINE CONGRESS 1988

AUGUST 26–SEPTEMBER 2 MILANO, ITALY

SCIENTIFIC PROGRAM

Plenary sessions, with lectures given by invited speakers, will concern the following main topics: Oncology, Emission Tomography, Cardiology, Pediatrics, Neurology. Scientific Papers, "Works-in-Progress," Technicians' Program, Scientific and Commercial Exhibition, Pre- and Post-Congress Meetings are also included.

Topics related to nuclear medicine will be considered for inclusion in the scientific program as follows:

Instrumentation: Instrumentation and New Technologies, Emission Computed Tomography (SPECT and PET), NMR, Computers, Image Processing, Artificial Intelligence, Quality Control of Instrumentations.

Radiopharmaceuticals: Radiopharmaceutical Chemistry, New Radiopharmaceuticals, Radiolabeled Monoclonal Antibodies for Cancer Diagnosis and Therapy, Studies on Cell and Animal Models, Kinetics of Tracers, Quality Control of Radiopharmaceuticals, Dosimetry.

In Vitro Applications: Tumor Markers, Radioimmunoassays, Cell Labeling Quality Control, Genetic Engineering.

Clinical Applications: Cardiology and Circulation, Gastroenterology, Nephrology, Neurology, Hematology, Endocrinology, Pediatrics, Bone/Joint Diseases, Pulmonary Diseases, Thyroid Diseases, Metabolic Therapy, Radiation Risks.

EXHIBITION

A comprehensive exhibition of equipment and radiopharmaceutical manufactures will be on display.

GENERAL INFORMATION

Call for Abstracts: Official Abstract Sheets may be obtained by writing to the Official Organizing Offices, O.I.C. Incentive -Viale Majno, 21–I 20122 Milano. The deadline for the receipt of abstracts is March 1, 1988.

Registrations and Fees: Members of the European Association of Nuclear Medicine (EANM), regularly registered, will have free admission to the Congress, provided that they present their 1988 Membership card at the Registration Desk, or send a copy to the Official Organizing Offices. EANM Members must pay their fees by April 15, 1988. New EANM membership applications will be accepted only until April 15, 1988.

The registration fees for non-members will be Lit. 220.000 + VAT by June 15, 1988 and Lit. 300.000 + VAT after June 15, 1988.

Social Program: A comprehensive social program has been planned, including the Opening Ceremony with a concert and welcome cocktail (inclusive in the registration fee); an organ concert in one of the most beautiful churches of Milano; a dancing dinner in an old villa near Milano; the Farewell Party.

PRESIDENT OF THE CONGRESS: Prof. Dott. Gian Luigi Buraggi

Scientific Secretariat:
Division of Nuclear Medicine
Istituto Nazionale dei Tumori
Via Venezian, 1
I-20133 Milano

Official Organizing Offices:
O.I.C. Incentive
Viale Majno, 21
I-20122 Milano
Ph.: (2)79.37.40/70.84.19
Fax: (2) 79.14.95–
Telex:332652 oic mi i

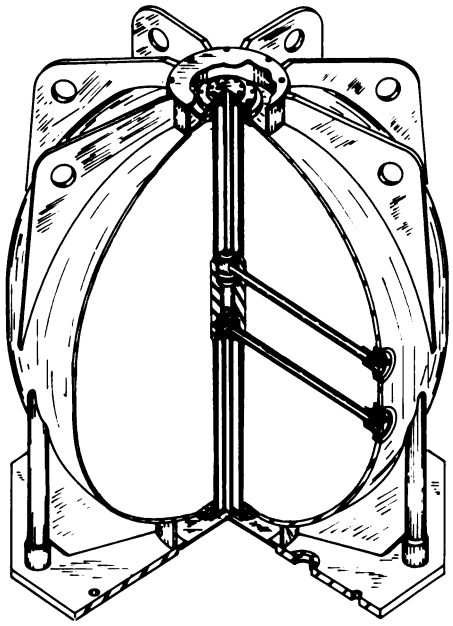
Circle Reader Service No. 38

CALIFORNIUM-252 WORKSHOP

presented by

The Oak Ridge National Laboratory

Garden Plaza Hotel
Oak Ridge, Tennessee 37830
April 13–14, 1988



- **Format of the Workshop:**
  - Three formal half-day sessions on technical and administrative issues
  - One half-day for tours of production facilities and/or individualized user/supplier discussion meetings
- **Discussion topics include:**
  - Production Capabilities
  - Demand Projections
  - Customized Services
  - Administrative Procedural Changes
  - Packaging and Shipping Regulations
  - Ordering Procedures

For information, contact **J. E. Bigelow, Program Chairman,**
Oak Ridge National Laboratory, P.O. Box X,
Oak Ridge, TN 37831-6384
Telephone: (615) 574-7071, FTS 624-7071

Information for Classified Advertisers—1988

POLICY: *The Journal of Nuclear Medicine* and the *Journal of Nuclear Medicine Technology* accept classified advertisements from medical institutions, groups, suppliers, and qualified specialists in nuclear medicine. Acceptance is limited to Positions Open, Positions Wanted, Equipment Available, Equipment Wanted and Seminars. We reserve the right to decline, withdraw, or modify advertisements that are not relevant to our readership.

LINE-ADS: $13.50 (JNM) or $13.00 (JNMT) per line or fraction of line (approx. 50 characters per line, including spaces). Please allow 28 characters for the first line which will appear in capital letters. Special rates for SNM members on **Positions Wanted:** $10.00 per line. *Note:* Box numbers are available for the cost of the two lines required.

EXAMPLES

NUCLEAR MEDICINE TECHNOLOGIST. Registered or registry eligible technologist to work in private office. Special emphasis on nuclear cardiology. Salary negotiable. Send resume to: Box 1203, The Society of Nuclear Medicine, 136 Madison Ave., 8th fl., New York, NY 10016-6760. EOE.

Estimate 28 characters First Line

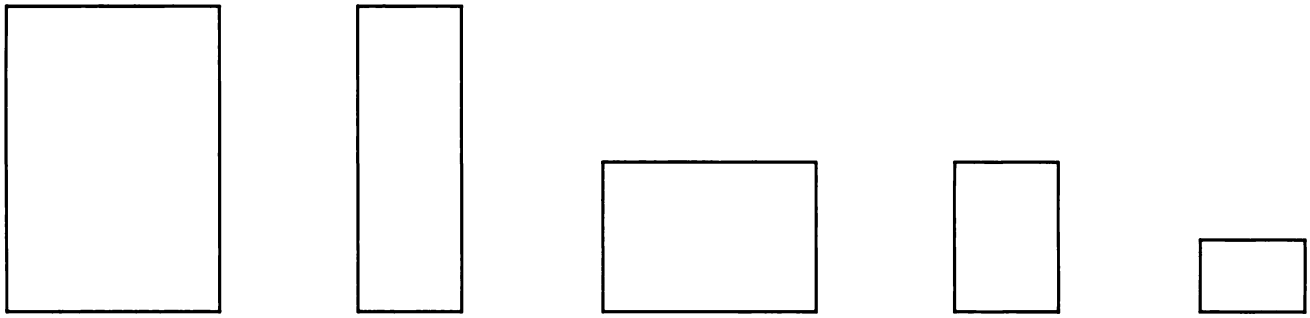
Estimate 50 characters Per Line

NUCLEAR MEDICINE PHYSICIAN with board certification in internal medicine or radiology needed for expanding out patient imaging practice. Qualified applicants should send CV to: I.M.C. Inc., 2040 W. Wisconsin Ave., Suite 378, Milwaukee, WI 53233; (414)933-8739. EOE.

WITH BOX NUMBER
COST: 6 lines × $13.50 = $81.00 (JNM)
6 lines × $13.00 = $78.00 (JNMT)

WITHOUT BOX NUMBER
COST: 6 lines × $13.50 = $81.00 (JNM)
6 lines × $13.00 = $78.00 (JNMT)

DISPLAY ADS DIMENSIONS:



FULL PAGE 6⅞" wide × 9⅝" high

½ PAGE VERTICAL 3⅜" wide × 9⅝" high

½ PAGE HORIZONTAL 6⅞" wide × 4¾" high

¼ PAGE 3⅜" wide × 4¾" high

⅛ PAGE 3⅜" wide × 2 5/16" high

RATES:

JNM		*JNMT*	
Full page	$1025	Full page	$585
Half page	600	Half page	355
Quarter	400	Quarter	235
Eighth	340	Eighth	205

*Publisher-set charges: page $100; half page $75; quarter page $40; eighth page $25.

TERMS: Payment or an authorized Purchase Order must accompany order. Make check payable, in U.S. dollars on U.S. banks only, to: The Society of Nuclear Medicine. Note: 15% agency commission is offered on display ads only.

FREQUENCY: *The Journal of Nuclear Medicine* is a monthly and the *Journal of Nuclear Medicine Technology* is a quarterly, published in March, June, September, and December.

DEADLINE: First of the month preceding the publication date (for example, January 1 for February issue). Please submit classified advertisements typed double spaced. **No telephone orders are accepted.**

SEND COPY TO: Classified Advertising Department
The Society of Nuclear Medicine
136 Madison Avenue, 8th Floor
New York, NY 10016-6760

For further information please contact Laura Fasano at (212) 889-0717.

Policy—*The Journal of Nuclear Medicine* accepts classified advertisements from medical institutions, groups, suppliers, and qualified specialists in nuclear medicine. Acceptance 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—$13.50 per line or fraction of line (approx. 50 characters per line, including spaces). Please allow 28 characters for the first line which will appear in capital letters. Special rates for *SNM members* on Positions Wanted: $10.00 per line. *Note: Box numbers are available for the cost of the 2 lines required.*

Rates for Display Ads—Agency commissions are offered on display ads only.

Full page	$1025	Quarter page	$400
Half page	600	Eighth page	340

Terms—Payment must accompany order. Make checks payable, in U.S. dollars on U.S. banks only, to: The Society of Nuclear Medicine.

Deadline—first of the month preceding the publication date (January 1 for February issue). Please submit classifed listings typed double spaced. No telephone orders are accepted.

Send copy to:
Classified Advertising Department
The Society of Nuclear Medicine
136 Madison Avenue
New York, NY 10016-6760
(212)889-0717

Positions Available

Director

PROGRAM DIRECTOR—School of Nuclear Medicine Technology. The University of Virginia Medical Center is currently seeking a full-time Program Director for the School of Nuclear Medicine Technology. The School is hospital based with a JRC approved, 12-month certificate program. The candidate must be a certified Nuclear Medicine Technologist with a minimum of 2 years of postcertificate professional experience and a baccalaureate degree. The Program Director must demonstrate proficiency in instruction, curriculum design, program planning, evaluation, and counseling. Competitive salary and excellent benefits are offered. Historic Charlottesville is centrally located, only 2 hours from Washington, D.C., 2½ hours from the Atlantic Coast, and within 30 minutes of the ski resorts in the Blue Ridge Mountains. Charlottesville is the home of the University of Virginia and Monticello, the home of Thomas Jefferson. For further information, call: Dr. Croft or Ms. Fox at (804)924-5201 or write: Ms. Jonette Aughenbaugh, Ronnie Price, University of Virginia, Department of Personnel Administration, Carruthers Hall, P.O. Box 9007, Charlottesville, VA 22906. EOE/AA.

Fellowship

NUCLEAR MEDICINE/MAGNETIC RESONANCE FELLOWSHIP. The 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, 1988 to include training 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: William A. Erdman, MD, Director, Nuclear Medicine and Body MR Research, Dept. of Radiology, University of Texas Health Science Center at Dallas, 5323 Harry Hines Blvd., Dallas, TX 75235. An Affirmative Action/Equal Opportunity University.

Monoclonal antibody diagnosis and treatment of cancers. Unique FELLOWSHIP now available for an outstanding physician candidate desiring research experience with radiolabeled monoclonal antibodies. The flexible fellowship allows for basic lab experience in antibody production, characterization, and radiolabeling, as well as for clinical experience in patient antibody imaging, dosimetry, and therapy in a state-of-the-art nuclear medicine division. Applicant must be U.S. citizen. Please send CV to: David Kuhl, MD, Div. of Nuclear Medicine, University of Michigan Medical Center, Ann Arbor, MI 48109-0028. Nondiscrim. A/A Employer.

FELLOWSHIP IN NUCLEAR MEDICINE, University of Missouri, Columbia. One- or two-year clinical and research fellowship in nuclear medicine. The fellowship is integrated between university and adjacent Harry S. Truman Memorial Veterans Hospitals. Research opportunities include basic science and clinical work with new single photon emitting brain blood flow agents and a range of theraputic radiopharmaceuticals. Facilities include basic science laboratories, full SPECT imaging systems at both hospitals, and opportunities for CT, ultrasound, and MR imaging correlations. Clinical program has strong cardiovascular nuclear medicine emphasis. Candidates must be Board certified or elegible in nuclear medicine, and licensed to practice medicine in Missouri. Send letter of interest (including list of references) to: Richard A. Holmes, MD, Chief of Nuclear Medicine, University of Missouri Hospital and Clinics 2N19 Medical Sciences, 1 Hospital Dr., Columbia, MO 65212. EOE.

Physician

NUCLEAR MEDICINE PHYSICIAN. Position available immediately. Board certified Nuclear Medicine Physician preferred. Board eligible acceptable. Position with eight-man group in Northeastern Pennsylvania. Send CV with references to: Box 201, The Society of Nuclear Medicine, 136 Madison Ave., 8th Fl., New York, NY 10016-6760.

NUCLEAR MEDICINE PHYSICIAN. The Division of Nuclear Medicine, in the Department of Radiology, Beth Israel Hospital, has an opening for an ABNM certified staff nuclear medicine physician. The successful applicant will have a faculty appointment at the Assistant/Associate Professor level at the Harvard Medical School, and will participate in the Harvard Joint Program in Nuclear Medicine. Research and teaching experience and interest are essential. Preference will be given to candidates with 3–5 years postresidency academic experience. We have strong research programs in PACS, with a functioning all-digital department, quantitative SPECT, nuclear cardiology, radiochemistry, and molecular biology. Training programs exist for both radiology and nuclear medicine residents. Salary commensurate with experience. Interested applicants should apply to: Gerald M. Kolodny, MD, Director, Div. of Nuclear Medicine, Beth Israel Hospital, 330 Brookline Ave., Boston, MA 02215. EOE.

NUCLEAR MEDICINE PHYSICIAN,, Western PA. BC/BE, ABNM with some experience with SPECT. To join combined radiation oncology-nuclear medicine hospital based practice. Send CV to Box 203, Society of Nuclear Medicine, 136 Madison Avenue, 8th Floor, New York, NY 10016-6760.

Chemist

RADIOPHARMACEUTICAL REVIEW CHEMIST. Food and Drug Administration. U.S. Public Health Service. PhD highly desirable. To review new drug submissions from the pharmaceutical industry; familiarity with the preparation of NDA and IND submissions useful. Salary range $38,727–$50,346 (GS-13). U.S. citizenship required. Please send resume and/or Application for Federal Employment (SF-171) to: Dr. R. Wood, Department of Health and Human Services, Public Health Service, Food and Drug Administration, HFN-150, 5600 Fishers Lane, Rockville, MD 20857; (301)443-3415. FDA is an Equal Opportunity Employer.

Assistant Professor

ASSISTANT PROFESSOR, DIVISION OF NUCLEAR MEDICINE, University of Kentucky, Lexington, is seeking applicants in nuclear medicine. Candidates should be Board certified in nuclear medicine, preferably with Board certification in radiology or medicine. The successful candidate will be expected to have expertise in the clinical activity of the division as well as participate in research and resident teaching. Please address replies to: U. Yun Ryo, MD, PhD, Professor and Director, Division of Nuclear Medicine, University of Kentucky Medical Center (Room N-7), Lexington, KY 40536. An Equal Opportunity Employer.

Radiologist

Board certified or eligible DIAGNOSTIC RADIOLOGIST to be part of a three-person imaging center staff and outpatient specialty clinic in Tacoma, Washington. The radiology staff of this specialty center is associated with the larger radiology departments in hospitals operated by Group Health Cooperative of Puget Sound in Seattle and Redmond, Washington. The practice consists of responsibility in ultrasound, nuclear medicine, GI fluoroscopy, mammography, outpatient CT, and diagnostic x-ray. For further details please contact: Director of Medical Staff Personnel, Group Health Cooperative of Puget Sound, 521 Wall St., Seattle, WA 98121; (206)448-6550. EOE.

NUCLEAR RADIOLOGIST. Individual must have successfully completed training for ABR certification with special competence in nuclear radiology or ABNM. Full state-of-the-art nuclear equipment including SPECT and computerized work. Applicant would share responsibility and would be required to do general radiology. Active 400-bed community hospital. Send inquiries to: Dr. Martin L. Friedman, Dept. of Radiology, Frankford Hospital-Torresdale Div., Knights and Red Lion Rd., Philadelphia, PA 19114; (215)934-4020. EOE.

STAFF RADIOLOGISTS. The College of Physicians and Surgeon of Columbia University is searching for Junior and Senior staff radiologists in our nuclear medicine division. Salary and rank will be commensurate with experience and qualifications. Responsibilities include patient care, teaching and supervising residents for junior staff level; research as well as demonstrated academic ability in addition for senior staff level. Requirements include one to two years of specialized training in nuclear medicine and Board eligibility or certification in American Board of Radiology with special competence in nuclear radiology and/or American Board of Nuclear Medicine. N.Y.S. medical license required; narcotics license desirable. Please send resume to: David H. Baker, MD, Department of Radiology, 622 West 168th St., New York, NY 10032. Columbia University is an Affirmative Action/Equal Opportunity Employer.

Technologist

CHIEF TECHNOLOGIST for a progressive clinical/research general and cardiovascular nuclear medicine program. Major affiliate of Yale University. New SPECT and cardiac equipment. PET center to be established in 18 months. Previous employment and certification required. Established administrative experience preferred. Forward resume to: Dr. Robert Soufer, West Haven VA Medical Center/115, West Spring St., West Haven, CT 06516 or call (203)932-5711, ext 684. EOE.

CHIEF TECH type, self motivated, responsible, to manage nuclear medicine departments in hospital cluster in New Hampshire, Colorado, Idaho, Chicago, and other locations. Excellent pay, commissions, car allowance, and benefits. Send resume to: Medical Imaging Systems, Inc., P.O. Box 8506, Rolling Meadows, IL 60008. If you want an opportunity, this is it. EOE.

NUCLEAR MEDICINE/ULTRASOUND. Hospital based group in Pacific Northwest with private practice limited to ultrasound and nuclear medicine seeks associate with training in these subspecialties.

Nuclear medicine caseload includes cardiac, bone, hepatobiliary, pulmonary, renal, and SPECT studies. Ultrasound encompasses routine and complicated obstetrics, vascular, abdominal, pelvic, and pediatric neurosonography. Send CV to: Michael Daly, MD, Nuclear Medicine/Ultrasound Section, Emanuel Hospital, 2801 North Gantenbein Ave., Portland, OR 97227. EOE.

NUCLEAR MEDICINE TECHNOLOGIST. Staff tech experienced with computerized cardiac studies, emission computer tomography, and general nuclear imaging. Must be registered or registry eligible with Florida licensure. We offer a competitive salary and excellent benefits. Qualified applicants reply to: Beth Ellis, Employee Relations Department, Lee Memorial Hospital, P.O. Drawer 2218, Ft. Myers, FL 33901 or call TOLL FREE in Florida at 1-(800)422-4672 or nationally at 1-(800)642-JOBS. Equal Opportunity Employer.

NUCLEAR MEDICINE TECHNOLOGIST. The Hospital of Saint Raphael, a 500-bed community teaching hospital, is seeking a full-time staff technologist for our progressive, state-of-the-art nuclear medicine department. Must be Registered (RTNM), certified (CNMT) or Board eligible. The city of New Haven is located along Long Island Sound, in close proximity to New York. Community has diverse cultural offerings, skiing and sailing. We offer an outstanding benefits package. Salary commensurate with experience. Please send resume, or contact: The Dept. of Personnel, Hospital of Saint Raphael, 1450 Chapel St., New Haven, CT 06511.

NUCLEAR MEDICINE TECHNOLOGIST. Central Maine. 250-bed regional referral hospital has a challenging opportunity to join our expanding staff. Applicants for this full-time position must have or be eligible for ARRT/NMTCB certification. We offer a competitive salary and benefit package plus a quality lifestyle in a four-season setting only 2½ hours north of Boston. Please write or call collect: Human Resources, Central Maine Medical Center, P.O. Box 4500, Lewiston, ME 04240; (207)795-2394. EOE.

NUCLEAR MEDICINE TECHNOLOGISTS–Phoenix, Arizona. Good Samaritan Medical Center, a 770-bed teaching institution has opportunities in all specialty areas. We are a progressive Nuclear Medicine Department with MDS and VAX/Microdelta computers, two Siemen's 7500 ZLC ECT cameras, two Picker Dyna-Mo cameras, a Technicare Omega 500, Siemens LFOV, and a Lunar Radiation DP4 Bone Density Unit. Qualified applicants must be able to work independently, have good communication skills, and be registry eligible (registered preferred). We offer an excellent benefits package and a competitive salary commensurate with experience. Please send resume to: Personnel Dept., Good Samaritan Medical Center, 1441 N. 12th St., Phoenix, AZ 85006 or contact: Jenny McAuley, (602)239-2677 for more information. EOE.

NUCLEAR MEDICINE TECHNOLOGIST, registered or eligible, for modern JCAH acute-care hospital, Rocky Mountain university town of 24,000, Metro Denver just 2½ hours away. Sports enthusiast's delight! Good working conditions and benefits. Salary negotiable based on experience. Send resume to: Human Resources Office, Ivinson Memorial Hospital, 255 North 30th, Laramie, WY 82070; (307)742-5483. EOE.

NUCLEAR MEDICINE TECHNOLOGISTS. Senior and Junior level positions in private nuclear medicine and ultrasound lab. Active cardiovascular program. ARRT registry required. Ultrasound experience desirable. Send resume to: Stuart Gottlieb/Faith Block, MD, PA 1150 N.W. 14 St., Suite 1, Miami, FL 33136 or call Ms. Smith, Administrator, (305)324-0424. EOE.

NUCLEAR MEDICINE TECHNOLOGIST. The University of Virginia Medical Center is currently seeking two full-time registered Nuclear Medicine Technologists or registry eligible Nuclear Medicine Technologists. The Medical Center is an 800-bed research oriented teaching institution. The Nuclear Medicine Department consists of general imaging labs, Nuclear Cardiology labs, and an RIA lab. The labs are well equipped with Siemens, General Electric, Sopha, Raytheon, and Technicare cameras with MDS, Sopha, and DEC computers. Competitive salary and excellent benefits are offered. Historic Charlottesville is centrally located, only 2 hours from Washington, D.C., 2½ hours from the Atlantic Coast, and within 30 minutes of the ski resorts in the Blue Ridge Mountains. Charlottesville is the home of the University of Virginia and Monticello, the home of Thomas Jefferson. For further information, call: Mr. H. Shah, Chief Technologist, (804)924-5201 or write: Ms. Jonette Aughenbaugh, Ronnie Price, University of Virginia, Department of Personnel Administration, Carruthers Hall, P.O. Box 9007, Charlottesville, VA 22906. EOE/AA.

DIAGNOSTIC IMAGING DEPT. OPTIONS open for CNMRT/Eligible. Full-time, 8-hour shifts, cross training available. Beebe Hospital has competitive salary and benefits. Contact: The Personnel Dept., 424 Savannah Rd., Lewes, DE 19958; (302)645-3336. EOE.

NUCLEAR MEDICINE TECH—SW FLA. The best opportunities under the sun can be found at Medical Center Hospital in Punta Gorda, Florida, near Ft. Myers on Florida's SW coast. A Nuclear Medicine Technologist with CNMT or AART-N and Florida license eligible will find our staff position rewarding. Responsible for performing scanning and/or RIA procedures. Excellent salary ($21,000–$24,000) and benefits with moving allowance. For information contact: Human Resources Director, P.O. Box 1309, Punta Gorda, FL 33950; (813)637-2552. EOE.

Service Technician

Position available for qualified gamma camera computer service TECHNICIAN. We are a group of outpatient facilities (16) covering much of Southeastern Michigan. Our equipment list includes Technicare, Medex HS-10, Searle PHO Gamma Cameras, Sopha, CD&A (Siemens), NIC computers. Please send resume to: P.O. Box 090041, Rochester Hills, MI 48309-0041. EOE.

Positions Wanted

NUCLEAR MEDICINE PHYSICIAN/RADIOLOGIST. Seeking Nuclear Medicine or Nuclear Medicine/Diagnostic Radiology position in California, preferably Southern California; private practice or academic. ABR certified in diagnostic radiology and ABNM certified in nuclear medicine. Training includes diagnostic radiology residency and fellowships in nuclear medicine and pediatric nuclear radiology. Reply: Box 202, The Society of Nuclear Medicine, 136 Madison Ave., New York, NY 10016-6760.

TECHNOLOGIST. REG. CNMT/ARRT. Seeks temporary positions—short/long term. Five years exp. Will travel. Reply: P.O. Box 82, McHenry, MD 21541.

Nuclear Medicine Technologist

Full Time Days

Our 450-bed teaching medical center located in beautiful Western Connecticut offers an immediate opportunity for a Nuclear Medicine Technologist.

Our Nuclear Medicine Department seeks a candidate who is Certified (or eligible) in Nuclear Medicine and although prior experience is preferred, it is not essential.

Danbury Hospital offers an excellent salary and benefit package and an outstanding working environment.

Interested candidates should contact our Personnel Department at (203) 797-7330 or send a resume to:

Danbury hospital

Hospital Ave., Danbury, CT 06810

an equal opportunity employer m/f

NUCLEAR MEDICINE

Applications are being accepted for a senior position (Professor or Associate Professor level) in nuclear medicine. The position will provide excellent opportunities for teaching in approved nuclear medicine and radiology residency programs, practice at integrated university and VA nuclear medicine services, and research. There are excellent modern equipment and facilities available, including four SPECT cameras, multiple computers, and cardiac nuclear equipment. Qualifications should include certification by the American Board of Nuclear Medicine or American Board of Radiology (Nuclear Radiology), participation in a nuclear medicine training program, and a significant interest in clinical and research aspects of nuclear medicine. Please inquire to:

Glenn V. Dalrymple, MD
Nuclear Medicine Division, Slot 581
University of Arkansas for Medical Science,
4301 W. Markham, Little Rock, AK
(501)661-5740.

ST. JOSEPH'S

NUCLEAR MED TECH

Phoenix, Arizona

St. Joseph's Hospital & Medical Center is a 626-bed, full-service teaching facility located in sunny Phoenix, Arizona. Currently we are seeking a Nuclear Med Tech to work full-time days with weekends off but must be agreeable to accept call.

Requires completion of approved formal education program in nuclear medicine (AMA approved) and/or certification as a Nuclear Med Tech by the ARRT, ASCP, or other recognized registry.

An outstanding compensation and benefits package awaits the successful candidate. If qualified and interested, please call (602) 285-3035, or send resume to: **Employment Office, St. Joseph's Hospital & Medical Center, P.O. Box 2071, Phoenix, AZ 85001.**

Equal Opportunity Employer

NUCLEAR MEDICINE TECHNOLOGIST

Indian River Memorial Hospital, Vero Beach's 293-bed center of medical excellence, now seeks a registered or registry eligible Nuclear Medicine Technologist. Our dynamic environment includes a new GE Star Can with spect capabilities and two additional nuclear cameras with computerized systems. No RIA work is involved. This full-time, Monday - Friday position offers convenient scheduling of 10am-6pm daily with rotating call. You'll also enjoy an attractive salary/benefits package and ongoing opportunity for professional development.

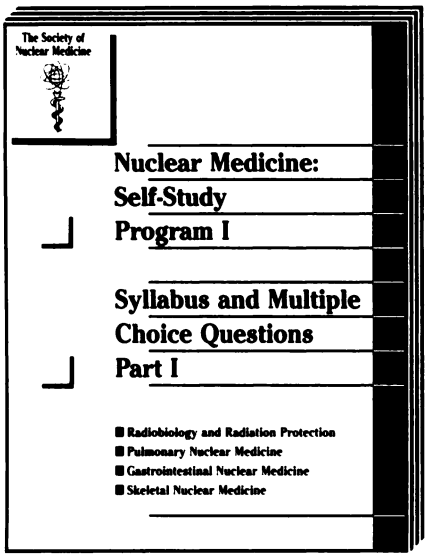
For confidential consideration, send resume or call collect to Ken Klein, Chief Nuclear Medicine Technologist, at (305) 567-4311, ext. 2084.

IRMH

1000 36th Street
Vero Beach, FL 32960

We Are An Equal Opportunity Employer

SNM Presents Your Personal Postgraduate Study Course in Nuclear Medicine



To order, send check to:
The Society of Nuclear Medicine, Dept 288J, 136 Madison Avenue, New York, NY 10016-6760.

The Society of Nuclear Medicine has initiated a major nuclear medicine self-study program to aid physicians, scientists, and technologists in expanding their knowledge of the clinical, basic science, and technical aspects of nuclear medicine. The study and self-evaluation approach has been shown to be an effective means of acquiring medical knowledge and an objective means of evaluating strengths and weaknesses.

The entire Nuclear Medicine Self-Study Program is to consist of four sequential publications (I-IV) which will review the entire field of nuclear medicine. Each program is divided into three components: a soft cover book consisting of a syllabus, questions, and answer sheets; a separate book with answers and detailed critiques; and a personal psychometric evaluation, complete with a norms booklet.

Like the earlier *Nuclear Medicine Review Syllabus,* the Nuclear Medicine: Self-Study Program syllabus has been designed to strengthen your knowledge of nuclear medicine, sharpen your clinical skills, and keep you abreast of recent developments. The self-assessment test, with its answers and critiques, should provide additional help in identifying strengths, as well as possible gaps in your knowledge. It can be used to obtain CME or CEU credits, to prepare for board and/or recertification exams, or as a reference and teaching aid.

The first volume of this program, *Nuclear Medicine: Self-Study Program I,* will cover four areas of nuclear medicine: Radiobiology and Radiation Protection, including regulatory matters; Gastrointestinal Nuclear Medicine; Skeletal Nuclear Medicine; and Pulmonary Nuclear Medicine. Both the syllabus and questions emphasize essential, clinical-related information. The syllabus and critiques contain annotated references to allow the reader to seek additional information on each topic. The questions are carefully prepared to approximate the format and level of difficulty encountered in specialty board examinations.

The answer and critique book provides the correct answer for each question and discusses the various options. Hence, the review of answers and questions also constitutes an important learning experience.

The personal psychometric evaluation provides comparisons of your performance with that of a peer group. A norms table will indicate your percentile ranking for each subject area, as well as the percentage of participants who answered each question correctly. Anticipated publication date for *Nuclear Medicine: Self-Study Program I* is June 1988. It will be available to members for $90; nonmembers for $115; and residents for $75. Answer sheets will be accepted for psychometric evaluation, for CME and CEU credit, and for inclusion in the norms tables through November 1, 1988. ■

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PLACE
STAMP
HERE

The Society of Nuclear Medicine
Education and Meetings Dept. 288J
136 Madison Avenue
New York, NY 10016-6760

Fold 1

About The Society

SNM

The Society of Nuclear Medicine

Benefits of Membership

- ***The Journal of Nuclear Medicine:*** a subscription to the official publication of The Society of Nuclear Medicine and the most prominent journal in the field. Published monthly, it provides the membership with up-to-date information on current developments in nuclear medicine.
- **Annual Meetings:** discounts to scientific, clinical, and continuing education presentations, as well as commercial exhibits, to keep abreast of the latest developments.
- **Membership Directory:** distributed biannually, at no extra cost, to the entire membership.
- **Books and Monographs:** discounts on selected new topics published by the Society.
- **Audiovisuals:** discounts on slide/tape programs covering a wide variety of subjects designed for classroom use and self-instruction.
- **Pamphlets:** on a number of topics including how to present scientific papers and how to prepare scientific exhibits.
- **Awards:** presented to Society members for outstanding achievements and contributions to the field.
- **Continuing Education Credit:** for meeting courses, audiovisuals, and exhibits, approved for AMA Category 1 credit.
- **Research and Fellowship Support:** through SNM Education and Research Foundation.
- **Placement Service at Annual Meeting:** for those members seeking career opportunities in the field.
- **Effective Government Relations:** through committees and lobbying efforts.

Organization

The Society of Nuclear Medicine (SNM) is a multi-disciplinary organization of physicians, physicists, chemists, radiopharmacists, technologists, and others interested in the diagnostic, therapeutic, and investigational use of radiopharmaceuticals. Founded in Seattle, Washington in 1954, it is the largest scientific organization dedicated to nuclear medicine.

Objectives

- Maintain an organization supported by professionals of varied backgrounds who have a common interest in the clinical and scientific discipline of nuclear medicine;
- hold meetings and seminars to communicate new knowledge acquired and provide continuing medical education;
- advance the highest standards in the practice of nuclear medicine;
- disseminate information by means of journals, books, monographs, and audiovisuals;
- promote and maintain the highest standards of education and research.

Membership Categories

FULL members are physicians or scientists with an advanced degree who have valid credentials indicating their professional interest in nuclear medicine.

ASSOCIATE members are scientists or technologists with a BA or BS or equivalent qualifications.

TECHNOLOGIST members are those who have valid credentials indicating their professional interest in the technology of nuclear medicine.

AFFILIATE members are persons who have an active interest in the objectives of the Society and who are not qualified for other categories of membership.

IN-TRAINING members are those who present a letter from the director of a training program certifying that they are in training and may be admitted to membership as an in-training Full, Associate, or Technologist member.

If application form has been removed, circle Reader Service No. 161.

Chapters

The Society is composed of individuals who are members of 16 regional chapters throughout the United States and Canada. Those who do not reside within this geographic area are considered to be "Members-at-Large."

SNM Councils

To satisfy the needs of those individual disciplines within nuclear medicine, the Society has established special interest Councils that function autonomously within the Society and are open to all interested Society members: Academic, Computer, Correlative Imaging, Instrumentation, Radioassay, and Radiopharmaceutical Science.

Technologist Section

Membership in the Technologist Section is open to any member of the Society, regardless of category, who can provide evidence of training and/or experience in nuclear medicine technology. Members receive all Section benefits, including a subscription to the *Journal of Nuclear Medicine Technology.*

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—1988

Membership Categories	Society	Technologist Section	Total
Full	$100.00	—	$100.00
Full-in-training	50.00	—	50.00
With Tech Section membership			
Doctoral degrees (MD, DO, PhD)	80.00	$33.00	113.00
Doctoral degrees-in-training	40.00	16.50	56.50
All other degrees	75.00	33.00	108.00
All other degrees-in-training	37.50	16.50	54.00
Associate	75.00	—	75.00
Associate-in-training	37.50	—	37.50
With Tech Section membership			
Doctoral degrees	50.00	33.00	83.00
Doctoral degrees-in-training	25.00	16.50	41.50
All other degrees	50.00	33.00	83.00
All other degrees-in-training	25.00	16.50	41.50
Technologist (must be Tech Section member)	35.00	33.00	68.00
Technologist-in-training	17.50	16.50	34.00
Doctoral degrees	80.00	33.00	113.00
Doctoral degrees-in-training	40.00	16.50	56.50
Affiliate	100.00	—	100.00
With Tech Section membership	50.00	33.00	83.00
Doctoral degrees	100.00	33.00	133.00

- 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.

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PLACE STAMP HERE

The Society of Nuclear Medicine
Membership Department
136 Madison Avenue—Dept. 288J
New York, NY 10016-6760

The Society of Nuclear Medicine

35th ANNUAL MEETING

Tuesday, June 14–
Friday, June 17, 1988

San Francisco, CA
Moscone Convention Center

Circle Reader Service No. 189

Call for Abstracts for Works-in-Progress

The 1988 Scientific Program Committee solicits the submission of abstracts from members and nonmembers of The Society of Nuclear Medicine for the 35th Annual Meeting in San Francisco. Works-in-Progress accepted for the program in a special supplement to the May issue of the *The Journal of Nuclear Medicine* will be published in a separate on-site show publication that will be distributed to all those who attend the meeting. Original contributions on a variety of topics related to nuclear medicine will be considered, including:

- INSTRUMENTATION
- COMPUTERS AND DATA ANALYSIS
- IN VITRO RADIOASSAY
- RADIOPHARMACEUTICAL CHEMISTRY
- DOSIMETRY/RADIOBIOLOGY
- NUCLEAR MAGNETIC RESONANCE
- CLINICAL SCIENCE APPLICATIONS
  - Bone/Joint
  - Cardiovascular
  - Endocrine
  - Gastroenterology
  - Infectious Disease and Immunology
  - Neurology
  - Oncology/Hematology
  - Pediatrics
  - Pulmonary
  - Renal/Hypertension

Authors seeking publication for the full text of their papers are strongly encouraged to submit their work to the *JNM* for immediate review.

A complete educational program for technologist will be offered and technologists are encouraged to submit abstracts of their work for consideration.

The official abstract form for Works-in-Progress may be obtained from the October 1987 issue of the *JNM* or by calling or writing:

The Society of Nuclear Medicine
Att: Abstracts
136 Madison Avenue, New York, NY 10016-6760
Tel: (212)889-0717

Deadline for Works-in-Progress is Thursday, April 7, 1988