

We can't encourage you to nail down the deck chairs any longer

Medi-Physics announces the Professional Partnership Program A new alternative in the age of DRGs

When crisis strikes—whether it's an iceberg or prospective reimbursement—some people waste time on empty gestures...like nailing down deck chairs on the Titanic...or trying to negotiate with isotope suppliers for lower prices after DRGs.

For too long, the decision to purchase radiopharmaceuticals has been based primarily on price. And for too long, prices have been reduced to win and keep your orders. As your partner in nuclear medicine, Medi-Physics can offer you an alternative to "nailing down the deck chairs," and you have a right to expect that from a partner.

Increasing patients means increasing revenue

Here's the blunt truth: Prices cannot be cut low enough to make a difference in the survival of a specialty threatened by prospective reimbursement. There's only one answer: More fully paid outpatient studies to increase revenue. Consider this:

Think for a minute about the last price reduction you negotiated for Thallous Chloride TI 201. Multiply that per-dose savings by the number of doses you ordered last month. Not very much money, is it?

Now, consider the dozens—maybe hundreds—of potential Thallium-study candidates being seen each month by local practitioners who've never referred any to your department...patients whose care would be enhanced by information you could provide. If you charge \$500 per Thallium study, just 10 of those currently nonreferred patients per month would be worth \$5000—\$60,000 a year—in extra department income. Any isotope price reduction you're likely to nego-

tiate can't come close to equaling that kind of bottom-line impact.

So the more effective strategy for survival is clear—help in convincing local practitioners to send you just a fraction of the patients they're not sending you now. And that's precisely what Medi-Physics proposes to offer.

Now, from Medi-Physics: "The Professional Partnership Program"

Up until now, no one could blame you for buying isotopes on price, because the support you deserve to increase patient volume has been limited. But now, you have a choice:

Medi-Physics will support its customers with the most innovative referral-generation program in the history of nuclear medicine. That program, called the Medi-Physics "Professional Partnership Program" (PPP), could add tens—even hundreds of thousands of dollars in outpatient income per year to each participating department.

To learn more about PPP, available exclusively from Medi-Physics, contact your local Medi-Physics representative, or call 1-800-MEDI-123.

Your partner in advancing nuclear medicine



Medi-Physics, Inc. 140 East Ridgewood Avenue Paramus, NJ 07653

RADIOISOTOPE RECORD

RADIOISOTOPE RECORD

Date: Jul 16, 1984
Time: 8112 A.M.
Isotore: Tc-99m
Sample # 1
Dose: 5.00 mCi

Isotope Decay Chart 8:38 A.H. 38.5 mCi/ml .13 ml Mo: .836 uCi/mCi 9:88 A.H. 36.3 mCi/ml .14 ml Mo: .838 uCi/mCi

9:38 R.M. 34.3 mCi/m1 .15 ml _Mo: .848 uCi/mCi



Fully-Computerized Radioisotope Calibrator

- Provides a printed, permanent record of date, time, isotope activity, concentration, syringe volume, assay results, for easy regulatory compliance.
- Calculates concentration and volume for any desired dose, corrected for decay for a whole day, or for a single dose.
- Automatic calculation of ⁹⁹Mo assay on ^{99m}Tc samples.



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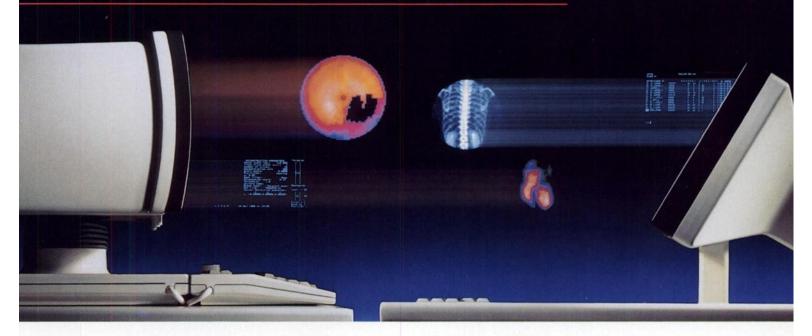
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Starlink

Introducing
the intelligent network
from GE. A Local
Area Network to
integrate your nuclear
imaging department.

Busy nuclear medicine departments need quick access to images and information, often in several places at once. Starlink—a sophisticated local area network from GE—delivers speed, power and economy.

With Starlink, for example, a physician can access an image stored in a Starcam integrated system, send it to a Star II computer for processing, and retrieve it for viewing on a Starview viewing station. The whole process takes only a few seconds, and won't

disrupt activities at the access point. And because data is available in electronic form, you eliminate the expense of redundant hardware such as array processors and hard copy formatters.

Invisible access

Starlink gives you access to all the systems in your network—invisibly—without interrupting work on those systems. Images stored in archives, computers or digital camera systems can be accessed without so much as a flicker. Operators won't even know you have made contact—their efficiency is maintained, yours is enhanced.

Processing power allows rapid transmission of medical images. Starlink was created to efficiently handle the large amounts of information contained in images, unlike many network systems designed for simple data transfer.

Circle Reader Service No. 40

This quiet activity is possible because of Starlink's "intelligence." The system hardware doesn't need to lend its processing "brains" to access information—powerful Starlink hardware and software do all the work.

Your link to the future

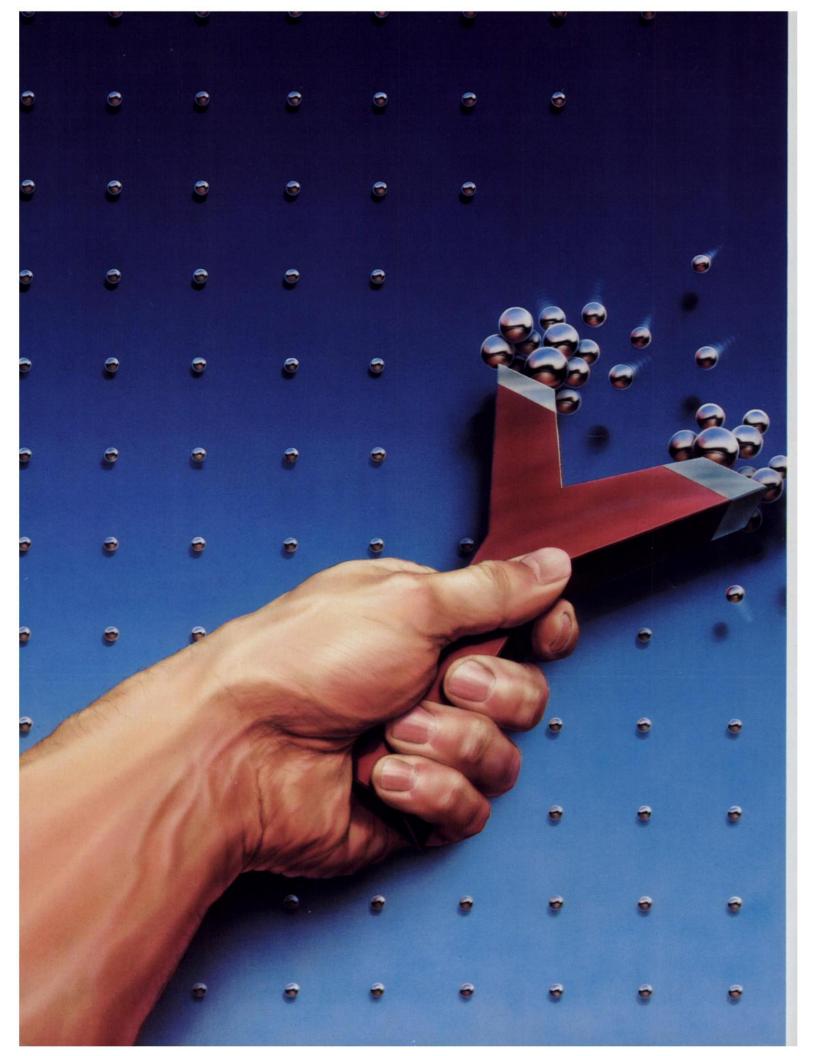
Starlink's Ethernet™ bus topology allows multiple systems to be connected on a single coaxial cable. This permits fast, simultaneous image transfer, high reliability and easy expansion. Starlink—the right choice for today and tomorrow.

Ethernet is a trademark of Xerox Corp.

Inside intelligence

Find out how Starlink can help increase efficiency in your nuclear medicine department. Call your GE Representative today, toll free:

1-800-624-5692.



Producing a stronger bond to revolutionize cancer detection and treatment.

Because of their ability to seek out and attach to cancer cells within the body, monoclonal antibodies offer tremendous potential for use in detecting and treating cancer.

Up to now, however, this potential has not been fully realized because of the failure to develop an effective means for attaching diagnostic and therapeutic agents to the monoclonals.

Today at NeoRx, we are overcoming this obstacle as the result of our proprietary technology for producing ligands, a chemical "superglue" used to bond agents to antibodies.

The ability to produce this stronger bond between monoclonal antibodies and various agents establishes NeoRx as a leader in the development of cancer imaging and treatment products.

When we introduce our first imaging product—planned for 1988—we will take the first step toward achieving our twin goals of improving efficacy and decreasing toxicity in the diagnosis and treatment of cancer patients.



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Think Nuclear Imaging Equipment Constraints Are Keeping You from the Best?



Think Again!

Now...a superior-quality system that answers both sides of the imaging dilemma: system capability and cost containment

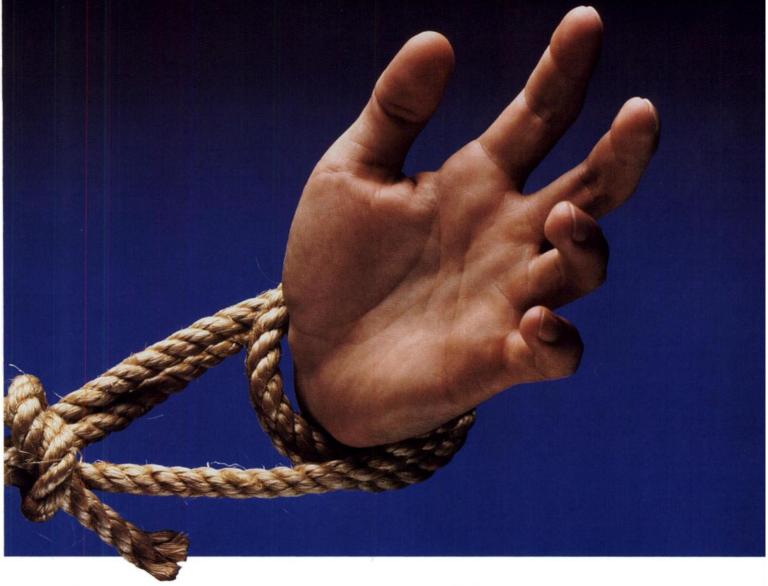
So frustrating! And so restrictive!

Yet, these are unavoidable everyday realities for your department.

Even so, there's no need to settle for second best. Instead, take a look at Raytheon's Spectrum 150 Series Digital Nuclear Imaging Systems.

With the 150 Series you can have the advantages of a superior-quality system that helps achieve short-term and long-term cost containment goals.

The drawbacks of so-called lower-initial-cost systems are obvious. Limited capability and undesirable downtime frequently override any initial savings, turning a "bargain" system into an unwanted strain on the departmental budget.



Raytheon's Spectrum 150 Series offers you:

- Capability to do a full range of imaging procedures
- Durability—typically greater than 96% uptime documented in clinical use*
- Upgradability that allows the Spectrum 150 Series to challenge state-of-the-art

The 150 Series' advantages are available in two versatile systems. Both totally digital. Both supported by complete application software. Both provide more versatility than analog systems or systems that convert from analog to digital.



Spectrum 150-DT™ Digital Nuclear Imaging System



Spectrum 150-DFR™ Digital Nuclear Imaging System Spectrum 150-DT™ offers the greatest flexibility. It performs multiangular SPECT (including body contouring); full PLANAR, with Multimatrix, Static, Interval Static and Dynamic Imaging; and Single-Pass, Whole-Body Imaging.

For traditional imaging only, Spectrum 150-DFR™ is a full-featured system offering full PLANAR and Single-Pass, Whole-Body Imaging.

The product you want...the service you want...the technical support you want

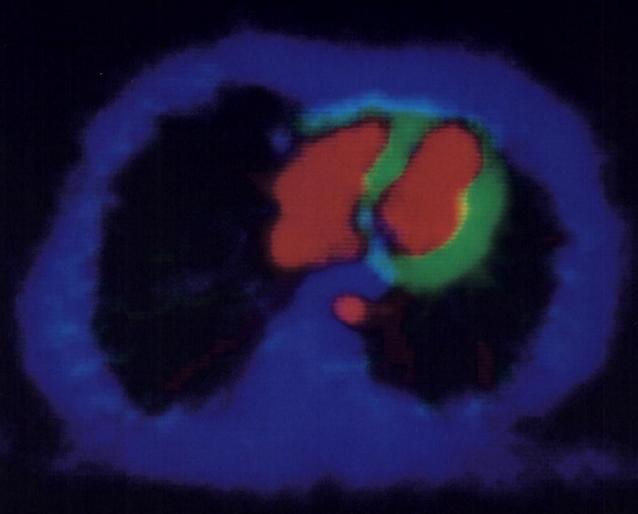
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Raytheon

Where quality starts with fundamentals Circle Reader Service No. 62

The future of PET is here.



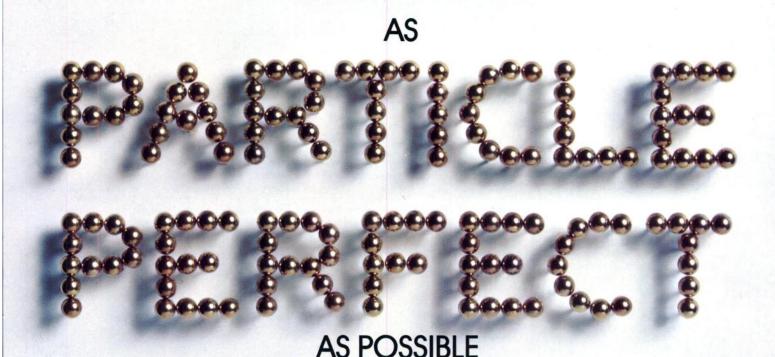
Systems in worldwide use for PET imaging today and tomorrow.



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Low supernatant activity (SA) and very high radiochemical purity (RCP) help assure biological efficacy you can depend on time after time.

Each Macrotec box label includes the average number of particles per vial.

The only MAA product indicated for use in isotopic venography





DESCRIPTION

Macrotec is a sterile, nonpyrogenic, lyophilized preparation of albumin aggregated. Each 5 ml vial of Macrotec contains 1.5 mg of Albumin Aggregated, 10.0 mg Albumin Human, 0.07 mg (minimum) stannous chloride (SnCl₂·2H₂O) and 0.19 mg total tin, maximum (as stannous chloride, SnCl₂·2H₂O), 1.8 mg of sodium chloride with trace amounts of sodium acetate, acetic acid and hydrochloric acid. Macrotec contains no preservatives. The pH of the reconstituted product is between 3.8 and 8.0.

The aggregated particles are formed by denaturation of Albumin Human in a heating and precipitation process. Each vial contains 1-8 million particles, 90% of which are between 10 and 90 microns in size. The average size is 20 to 40 microns; no particles are greater than 150 microns.

Reconstitution of Macrotec with sterile sodium pertechnetate Tc 99m forms an aqueous suspension of Technetium Tc 99m Albumin Aggregated for diagnostic use by Intravenous injection. No less than 90% of the pertechnetate Tc 99m added to the reaction vial is bound to the aggregates at preparation time and remains bound throughout the 6-hour lifetime of the suspension.

INDICATIONS AND USAGE

Lung Imaging

Macrotec (Technetium Tc 99m Albumin Aggregated Injection) is a lung imaging agent which may be used as an adjunct in the evaluation of pulmonary perfusion in adults and children. It is useful in the early detection of pulmonary emboli and in the evaluation of the status of the pulmonary circulation in such conditions as pulmonary neoplasm, pulmonary tuberculosis and emphysema.

Isotopic Venography

Macrotec is also indicated for use in isotopic venography as an adjunct in the screening, diagnosis and management of deep vein thrombosis in the lower extremities.

Combined isotopic venography of the lower extremities and the pulmonary vasculature may be performed.

CONTRAINDICATIONS

Technetium Tc 99m Albumin Aggregated Injection should not be administered to patients with severe pulmonary hypertension.

The use of Technetium Tc 99m Albumin Aggregated Injection is contraindicated in persons with a history of hypersensitivity reactions to products containing human serum albumin.

WARNINGS

The literature contains reports of deaths occurring after the administration of Albumin Aggregated to patients with pre-existing severe pulmonary hypertension. Instances of hemodynamic or idiosyncratic reactions to preparations of Technetium Tc 99m Albumin Aggregated have been reported.

PRECAUTIONS

General

In patients with right to left heart shunts, additional risk may exist due to the rapid entry of Albumin Aggregated into the systemic circulation. The safety of this agent in such patients has not been established.

Hypersensitivity reactions are possible whenever proteincontaining materials such as pertechnetate labeled Albumin Aggregated are used in man. Epinephrine, antihistamines and corticosteroids should be kept available for immediate use.

The intravenous administration of any particulate material such as Albumin Aggregated imposes a temporary, small mechanical impediment to blood flow. While this effect is probably physiologically insignificant in most patients, the administration of Albumin Aggregated is possibly hazardous in acute cor pulmonale and other states of severely impaired pulmonary blood flow.

The components of the Macrotec (Technetium Tc 99m Albumin Aggregated Kit) are sterile and non-pyrogenic. It is essential to follow directions carefully and adhere to strict aseptic procedures during preparation.

Contents of the vial are intended only for use in the preparation of Technetium Tc 99m Albumin Aggregated Injection and are **NOT** to be administered directly to the patient.

The contents of the kit before preparation are not radioactive. However, after the sodium pertechnetate Tc 99m is added, adequate shielding of the final preparation must be maintained.

The technetium Tc 99m labeling reactions involved depend on maintaining the stannous ion in the reduced state. Hence, sodium pertechnetate Tc 99m containing oxidants should not be employed.

The preparation contains no bacteriostatic preservative. Technetium Tc 99m Albumin Aggregated Injection should be stored at 2-8°C and discarded 6 hours after formulation.

Technetium Tc 99m Albumin Aggregated Injection is a physically unstable suspension and consequently the particles settle with time. Failure to agitate the vial adequately before use may result in non-uniform distribution of radioactive particles.

If blood is drawn into the syringe, unnecessary delay prior to injection may result in clot formation.

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 other radioactive material, care should be taken to minimize radiation exposure to patients consistent with proper patient management, and to minimize radiation exposure to clinical personnel.

Carcinogenesis, Mutagenesis, Impairment of Fertility

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

Pregnancy Category C

Animal reproduction and teratogenicity studies have not been conducted with Technetium Tc 99m Albumin Aggregated Injection. It is also not known whether Technetium Tc 99m Albumin Aggregated Injection can cause fetal harm when administered to a pregnant woman or can affect reproductive capacity. There have been no studies in pregnant women. Technetium Tc 99m Albumin Aggregated Injection should be given to a pregnant woman only if clearly needed.

Ideally, examinations using radiopharmaceuticals, especially those elective in nature, of a woman of childbearing capability, should be performed during the first few (approximately 10) days following the onset of menses.

Nursing Mothers

Technetium Tc99m is excreted in human milk during lactation. Therefore, formula feedings should be substituted for breast feedings.

Pediatric Use

The lowest possible number of particles should be used in the right-to-left shunting, in neonates and in severe pulmonary disease.

ADVERSE REACTIONS

Although adverse reactions specifically attributable to the Technetium Tc 99m Albumin Aggregated Injection have not been noted, the literature contains reports of deaths occurring after the administration of Albumin Aggregated to patients with pre-existing severe pulmonary hypertension. Instances of hemodynamic or idiosyncratic reactions to preparations of Technetium Tc 99m Albumin Aggregated have been reported.

HOW SUPPLIED

Macrotec (Technetium Tc 99m Albumin Aggregated) is supplied as a kit containing 10 reaction vials (5 mL size).



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March 1985



Elscint Apex: Bringing Nuclear Medicine technology to new heights in Toronto.

Toronto's most stunning examples of advanced architecture aren't part of its skyline. Rather, they can be seen in major hospitals and clinics around town in the form of Apex Nuclear Medicine systems from Elscint.

Designed around its own patented digital architecture, only Apex is flexible enough to do all this with the same system: SPECT, high-resolution imaging, and fast dynamic scans (such as first pass cardiology studies). This innovative design also makes Apex the most flexible PACS configuration available anywhere in the world.

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Elscint NM" Focused on the future.

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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.



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dose measurement.

CRC®-30 BC

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The standard for state-of-the-art dose calibration is the CRC® family of radioisotope dose calibrators. Featuring Radiopharmaceutical quality control, Patient Dose Computation, Future Dose and Pre Calibration, the Capintec name has become synonymous with repeatable, reliable

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You don't make this unit dose.



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Imagine what it would take to make your own pharmaceuticals—material costs, special equipment, more space, rigid regulations, quality control, higher liability, more paperwork—and so much time.

So you don't make your own pharmaceuticals. At 5,000 nuclear medicine facilities nationwide, professionals with the same concerns have decided not to compound their own radiopharmaceuticals. Syncor provides them with prompt delivery of unit dose radiopharmaceuticals whenever they need them, day or night.

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instead of spending your time on generator elution, kit preparation, quality control and paperwork, you will use your skills where they are most needed: performing or interpreting studies, improving scan techniques and working with patients. At the same time, your radiation exposure will be minimized and waste disposal will no longer be a problem.

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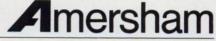
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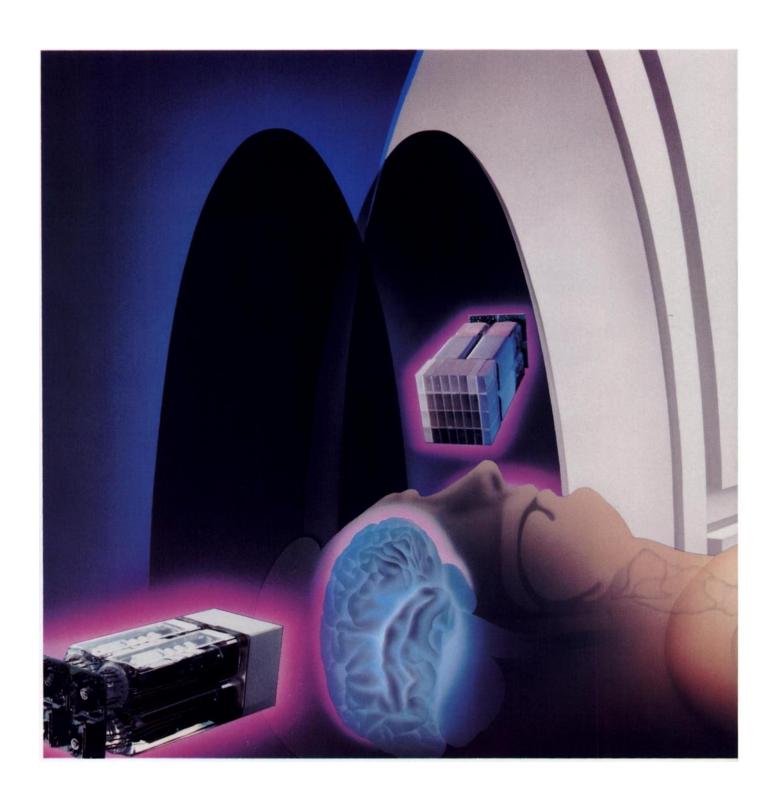
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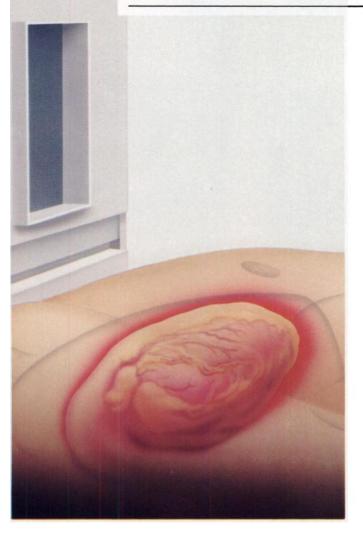
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By employing certain radionuclides as biochemical tracers, PET can yield primary diagnostic information, and provide definitive visualization and quantification of dynamic biochemistry where other modalities cannot!

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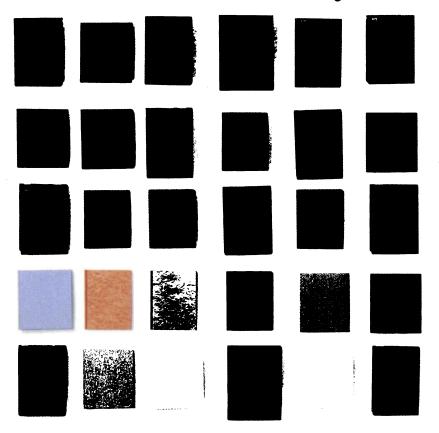
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IN A FOG??

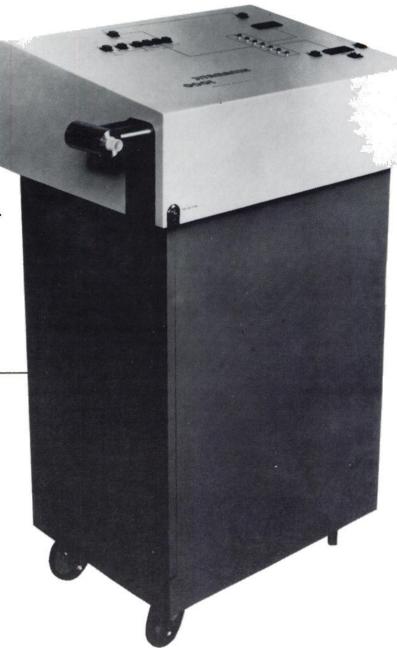
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SPECT

SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY: A PRIMER

Robert J. English, CNMT and Susan E. Brown, CNMT

©1986 by The Society of Nuclear Medicine Inc. 168 pp; 6×9 softcover Members: \$15.00/Non-members: \$17.00

Published in June 1986, SPECT: A PRIMER, is already revised and in it's second printing due to it's wide reception from the nuclear medicine community. With this new book, nuclear medicine technologists can now expand their knowledge of the specialty to encompass the increasingly important modality of SPECT. The Primer answers the technologist's fundamental questions about SPECT, as both a text and as an extension of any manufacturer's operating manual.

Designed as a study guide for SPECT technology and SPECT applications, this book also includes study questions, a glossary, and recommended reading lists at the end of each chapter.

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Ordering Information

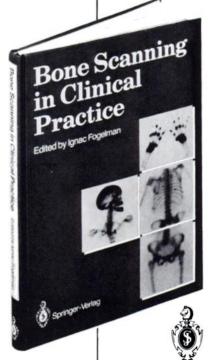
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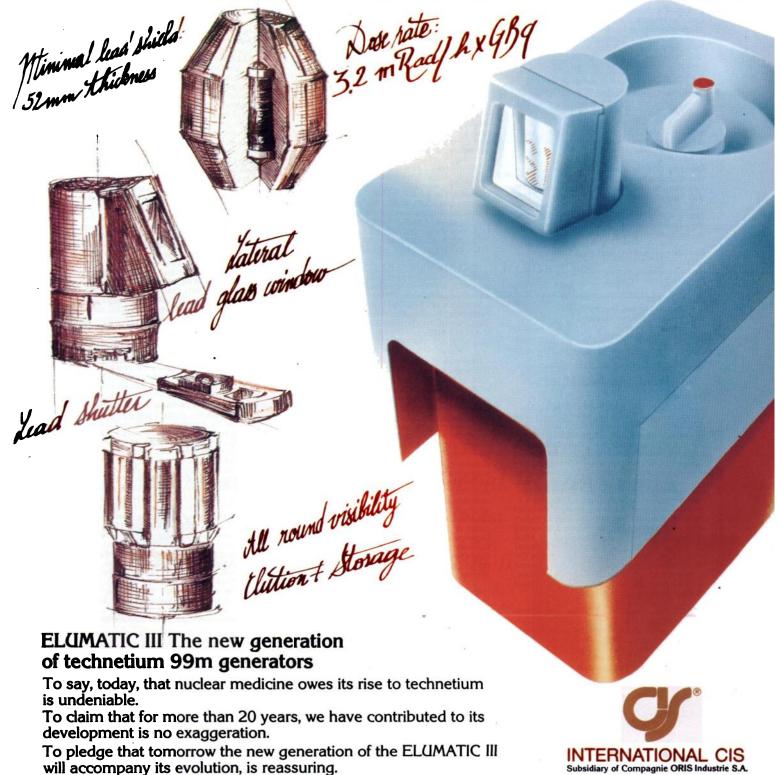


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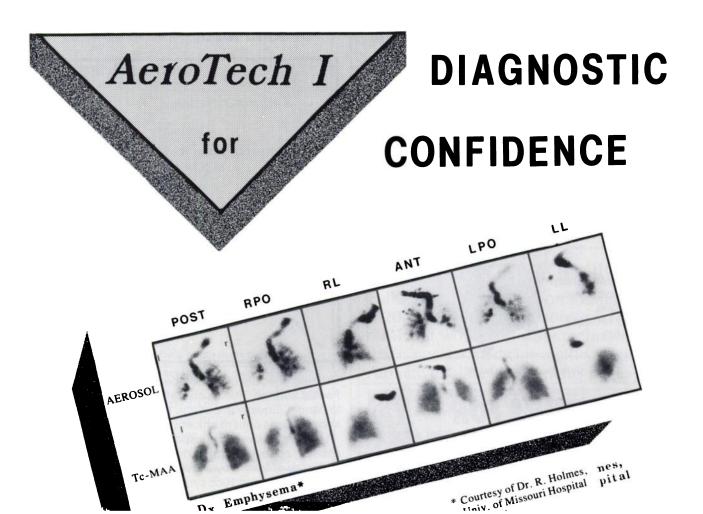
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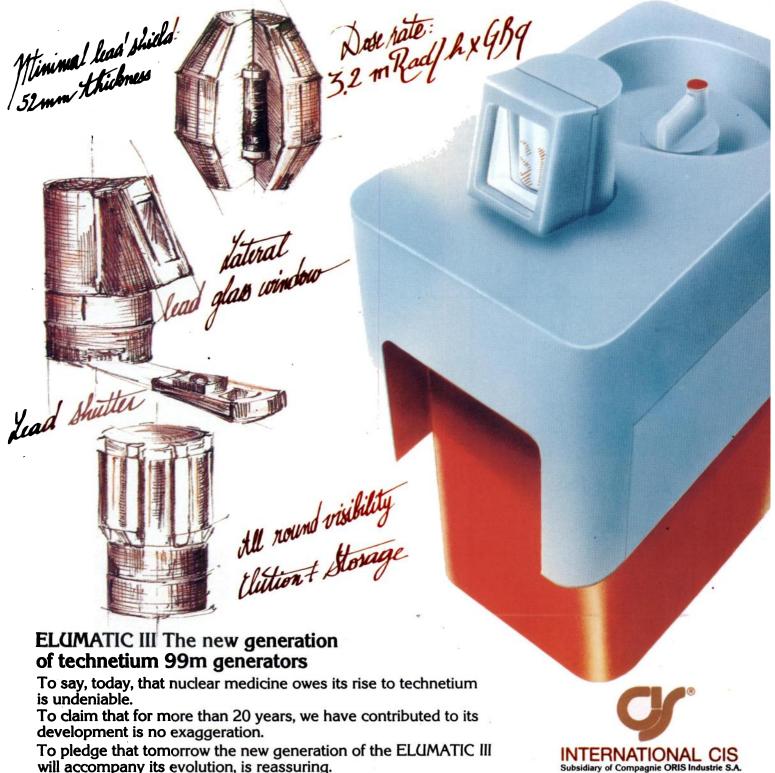
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Division of Nuclear Medicine, Department of Radiology, University of Minnesota has a tenure track position available at the rank of ASSISTANT OR ASSOCIATE PROFESSOR for a radiochemist or radiopharmacist beginning 10/1/87. Minimum qualifications for Assistant Professor include a PhD in chemistry or pharmacy, at least 1 year post-doctoral experience in the preparation of radionuclides for medical use, and a demonstrated record of research, publication, and teaching. Associate Professor level requires a minimum of 4 years experience in the preparation of radionuclides for medical use in addition to the other qualifications listed for Assistant Professor. Preference will be given to individuals who have additional experience with positron emitting radiopharmaceuticals. A large, fully equipped labora-tory is available for research. Clinical facilities are housed in a new hospital with approximately 6,000 sq. ft. of space. A 40 MeV cyclotron and PET scanner are currently being installed at the affiliated VA ner are currently being installed at the affiliated VA hospital. Salary is negotiable and competitive and dependent upon past scholarly productivity and post-doctoral experience. Send resume by 9/30/87 to: R.J. Boudreau, MD. PhD, Director, Division of Nuclear Medicine, Department of Radiology, Box 382, University of Minnesota Hospital, Minneapolis, MN 55455. The University of Minnesota is an Equal Opportunity and Affirmative Action Employer and receifically encourses applications from upones and specifically encourages applications from women and minorities.

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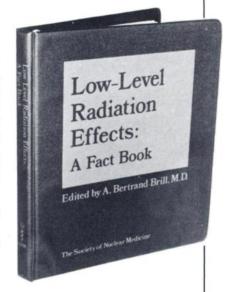
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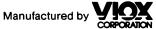
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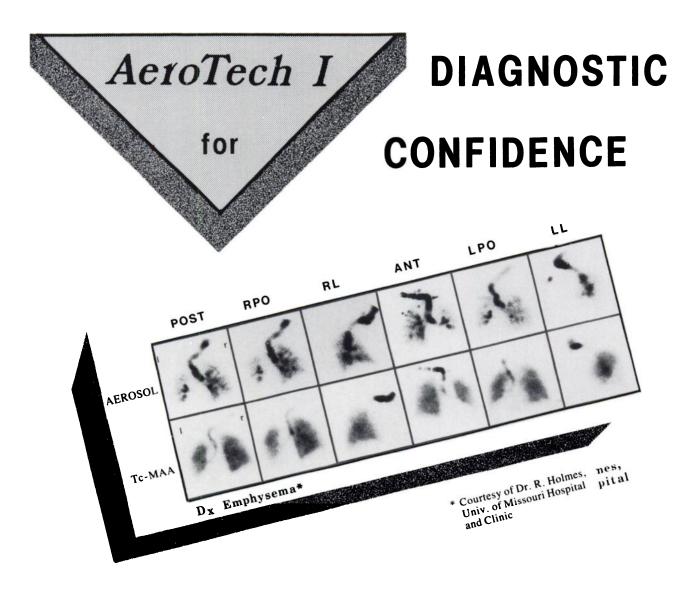
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Americium-241 Sealed Source for Bone Densitometer

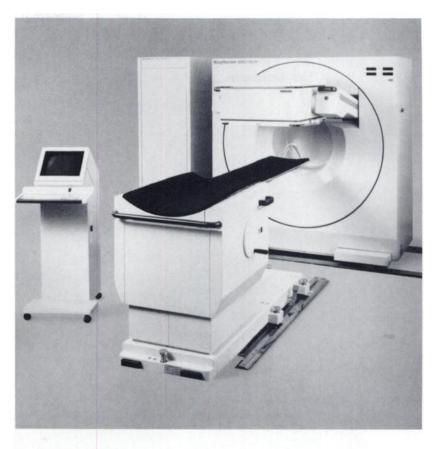


Lunar Radiation Corporation will introduce an americium-241 sealed source option for the Lunar SP2 single-photon forearm densitometer. The new source never needs replacing, said the company. Beginning in October, new Lunar SP2 densitometers will be available with either an ²⁴¹Am or an iodine-125 source. SP2 bone densitometers that now use ¹²⁵I can be refitted with the ²⁴¹Am source. Lunar Radiation Corp., 313 W. Beltline Hwy., Madison, WI 53713.

Circle Reader Service No. 102

Digital Video Recorder

Colorado Video, Inc., has introduced the Model 399 Video Multimemory, a solid state digital video recorder that sequentially captures up to 64 images. Using a desktop



controller, images can be viewed individually or in forward or reverse sequence. Recording and playback can both be adjusted from one image every 10 sec to as fast as real-time. The system stores sixteen 512 × 512, thirty-two 512 × 256, or sixty-four 256 × 256 pixel images, with a 256-shade grayscale. Color is optional. The Model 499 can be interfaced to any micro- or minicomputer with an optional Model 799 computer I/O card, according to the company. Colorado Video, Inc., Box 928, Boulder, CO 80306.

Circle Reader Service No. 103

Computer Systems Marketed with Bone Densitometers

Lunar Radiation Corporation will now market its single- and dual-photon bone densitometers with IBM Personal System 2 computers, which use a 3½-inch floppy disk. Standard equipment for the bone densitometers will also include the new IBM 8512 color monitor. Lunar Radiation Corp., 313 W. Beltline Hwy., Madison, WI 53713.

Circle Reader Service No. 104

Portable Digital Viewing System



Sudbury Systems has introduced ImageCall, a portable system that receives digitally acquired nuclear medicine studies over standard telephone lines. Using ImageCall, on-call physicians can review studies in their homes or offices, and remote health care facilities can obtain more immediate consultation from nuclear medicine specialists at major medical centers, said the company. Sudbury Systems, Inc., 31 Union Ave., Sudbury, MA 01776.

VENTI-SCAN II: COMPACT AEROSOL CONVENIENCE

Designed for patient comfort and operator convenience, the Venti-Scan II Disposable Radioaerosol Administration System provides a simple, direct way to perform ventilation studies. It is the most compact, economical system available today.

Using a standard IV support stand, the loaded Venti-Scan II shield slides along the IV pole to the most comfortable patient level and is locked in position. The system provides direct aerosol delivery approximately .5 micron in size,

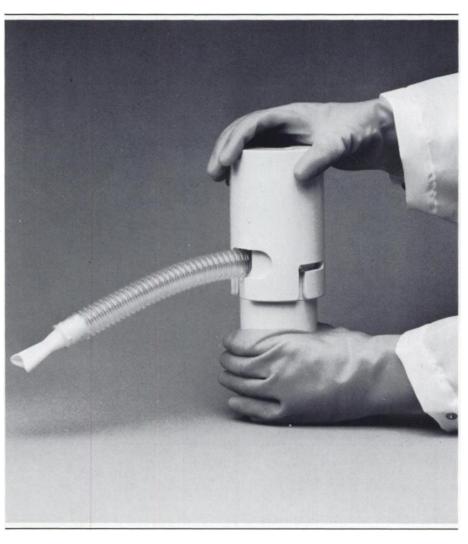
resistance-free breathing, and a filter that traps the radioaerosol, minimizing exposure.

Two to three minutes of breathing on the airway circuit traps 6-12% deposition of the technetium DTPA particles in the lungs. Typically, 20-40 mCi of technetium labelled DTPA in 2.5 ml or less is used.

Ventilation Scanning studies...six views including the important oblique views...can be performed conveniently, even in another room.

Venti-Scan II. It will make your ventilation scanning procedures more efficient and convenient...for the operator and the patient. Isn't that what you expect from Atomic Products Corporation? Your Nuclear Medicine Source.

For additional information, call us today.



Circle Reader Service No. 17

Atomic Products Corporation

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Now...from Medi-Physics

Thallous Chloride TI 201 Multidose **Added Precalibration** Two more good reasons to talk to the new Medi-Physics...

For complete prescribing information, consult package insert, a brief summary of which follows:

DESCRIPTION: Thallous Chloride TI 201 is supplied in isotonic solution as a sterile, nonpyrogenic diagnostic radiophar-maceutical for intravenous administration. The aqueous solu-tion at calibration time contains 37 MBq (1 mCi)/mL Thallous Chloride TI 201 adjusted to pH 4.5-6.5 by the addition of hydrochloric acid and/or sodium hydroxide solution. It is made isotonic with 0.9% sodium chloride and is preserved with 0.9% benzyl alcohol. Thallium TI 201 is cyclotron-produced with no carrier added. Radionuclidic purity at calibration is at least

INDICATIONS AND USAGE: Thallous Chloride TI 201 may be useful in myocardial perfusion imaging for the diagnosis and localization of myocardial infarction.

It may also be useful in conjunction with exercise stress testing as an adjunct in the diagnosis of ischemic heart disease (atherosclerotic coronary artery disease).

It is usually not possible to differentiate recent from old myocardial infarction, or to differentiate exactly between recent

myocardial infarction, or to differentiate exactly between recent myocardial infarction and ischemia.

CONTRAINDICATIONS: None known.

WARNINGS: If studying patients in whom ischemia or myocardial infarction is known or suspected, care should be taken to assure continuous clinical monitoring and treatment in accordance with safe, accepted procedure. Exercise stress testing should be performed only under the suservision of a qualified. should be performed only under the supervision of a qualified physician and in a laboratory equipped with appropriate re-

suscitation and support apparatus.

PRECAUTIONS: Data are not available concerning the effect on the quality of Thallous Chloride TI 201 scans of marked alterations in blood glucose, insulin, or pH (such as is found in diabetes mellitus). Attention is directed to the fact that thallium is a ssium analog, and since the transport of potassium is affected by these factors, the possibility exists that thallium may

likewise be affected. Data are not available concerning the effect of drug treatment (such as antihistamines and cimetidine, either alone or in combination).

our partner in advancing nuclear medicine

A myocardial imaging study was unsuccessful in one clinical study involving a patient taking cortisone and cimetidine the day

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 governmental agency authorized to license the use of radionuclides.

As in the use of any radioactive material, care should be taken

with Thallous Chloride TI 201 to minimize radiation exposure to the patient consistent with proper management and to ensure minimal exposure to occupational workers.

This drug should not be used after the expiration date on the label. The expiration date will be six (6) days or less after the calibration date.

Do not use if contents are turbid.

It is recommended that the product be administered close to calibration time to minimize the effect of higher levels of radionuclidic contaminant pre- and post-calibration.

Carcinogenesis: No long-term animal studies have been performed to evaluate carcinogenic potential, mutagenicity potential, or whether Thallous Chloride TI 201 affects fertility in males or females.

Pregnancy Category C: Adequate reproduction studies have not been performed in animals to determine whether the drug affects

fertility in males or females, has teratogenic potential, or has other adverse effects on the fetus. Thallous Chloride TI 201 should not be used in pregnant women except when benefits clearly outweigh the potential risks.

inations using radiopharmaceutical drug prod-Ideally, exam ucts, especially those elective in nature, in women of child-bearing capability should be performed during the first few (approximately 10) days following the onset of menses.

Nursing Mothers: It is not known whether this drug is excreted in

human milk. Because many drugs are excreted in human milk, as a general rule nursing should not be undertaken when a patient is administered radioactive material.

Pediatric Use: Safety and effectiveness in children below age 18

ADVERSE REACTIONS: A single adverse reaction to Thallous Chloride TI 201 product has been reported consisting of hypotension accompanied by pruritis and rash which responded to antihistamines and steroids within one hour.

HOW SUPPLIED: Thallous Chloride TI 201 for intravenous administration is supplied as a sterile nonpyrogenic solution containing at calibration time 37 MBq (1 mCi)/mL Thallium 201, 9 mg/mL sodium chloride and 9 mg/mL of benzyl alcohol. The pH is adjusted to between 4.5-6.5 with hydrochloric acid and/or sodium hydroxide. This product is supplied in a 244 MBq (6.6

mCi) size. Each package contains one vial.

The contents of the vial are radioactive. Adequate shielding and handling precautions must be maintained STORAGE: Store Thallous Chloride TI 201 at 18-25° C.

May 1987

medi+physics

a subsidiary of Hoffmann-La Roche Inc.

To learn more call 1-800-MEDI-123

Circle Reader Service No. 30

Medi-Physics, Inc. 140 East Ridgewood Avenue Paramus, NJ 07653

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