

# SIEMENS



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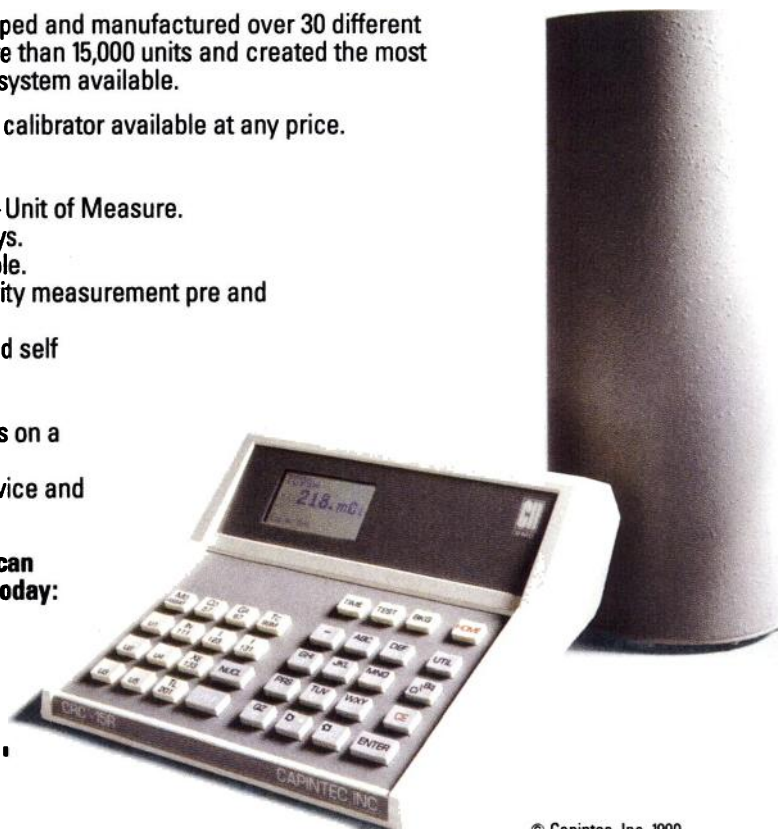
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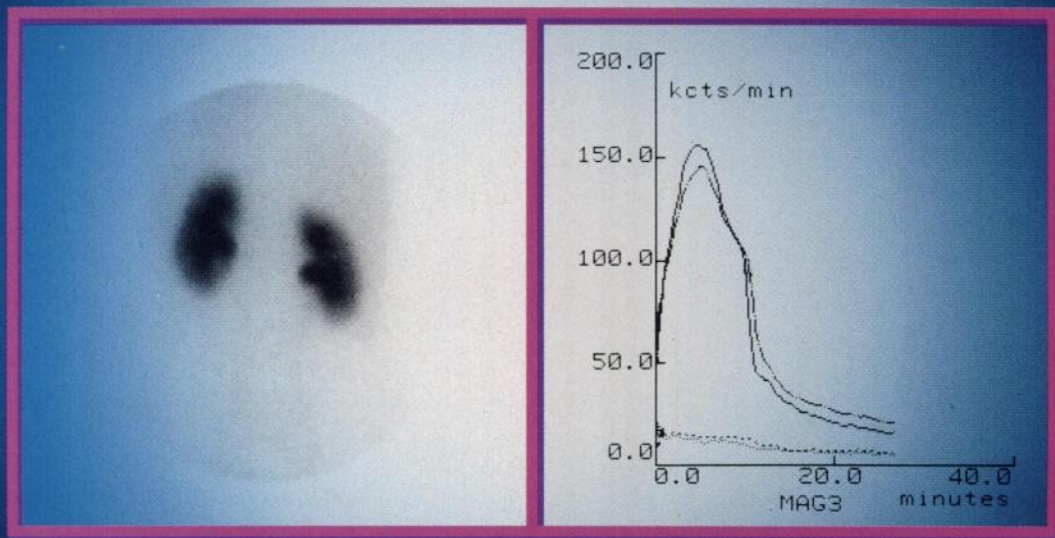
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TECHNESCAN MAG3™ will redefine quality renal imaging for you. In comparative studies with I-131 OIH (iodohippurate sodium I-131 injection), image quality with TECHNESCAN MAG3™ was uniformly superior.<sup>1,2</sup> TECHNESCAN MAG3™ offers high renal extraction efficiency and minimal extrarenal excretion.

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The renal clearance of TECHNESCAN MAG3™ is similar to that of iodohippurate, which makes it a suitable alternative to I-131 OIH for renal function studies. Renogram curves obtained with TECHNESCAN MAG3™ were comparable to those seen



with I-131 OIH in comparative studies.<sup>1,2</sup>

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As a technetium-labeled agent, TECHNESCAN MAG3™ offers key advantages over I-123 OIH or I-131 OIH. These include ready availability in cold-kit form, much shorter half-life (*6.02 hours, vs 13.13 hours for I-123 and 8.04 days for I-131*), and

lower radiation dose per mCi administered. (*Total body absorbed dose [rad/mCi]: Tc99m = 0.0027, I-131 = 0.039, I-123 = 0.023.*) The typical dose of TECHNESCAN MAG3™ required in renal function and imaging studies is 5 to 10 mCi.

### **Complete imaging with one agent**

If you've been looking for a renal imaging agent that combines the safety and convenience of technetium with the physiological properties of iodohippurate, TECHNESCAN MAG3™ is for you. No other renal agent can match its versatility.

**NEW**  
**TECHNESCAN**  
**MAG3™**

Kit for the Preparation of Technetium Tc99m Mertiatide

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Please see the following page for references and brief summary of prescribing information.

L I N C K R O D T



# SPECT BRAIN IMAGING CLINICAL FELLOWSHIP

Department of Radiology  
Section of Nuclear Medicine



## BENEFIT:

This program is designed for nuclear medicine physicians, radiologists, technologists and referring physicians. It is intended to educate participants about the clinical utility of SPECT brain imaging with agents such as SPECTamine® and Ceretec®. Objectives include:

- Development of interpretation skills for brain images.
- Appreciation of clinical applications of SPECT brain imaging.
- Knowledge of image acquisition and reconstruction.
- Appreciation of factors that influence image quality.
- Knowledge of quality control techniques for SPECT.

## SPONSORSHIP:

This program is sponsored by the Medical College of Wisconsin.

## TUITION:

The tuition fee of \$650 includes the course syllabus, handouts, breaks, breakfasts, lunches, and other amenities involved in making this a pleasant learning experience. Maximum enrollments have been established. Cancellations prior to the course will be refunded, less a \$30 administrative fee.

## CREDIT:

The Medical College of Wisconsin is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

Accordingly, the Medical College of Wisconsin designates this continuing medical education activity as meeting the criteria for 13.00 hours in Category I toward the Physician's Recognition Award of the American Medical Association.

Nuclear Medicine Technologists who attend the SPECT Brain Imaging Clinical Fellowship are eligible for 1.0 VOICE credit.

Register me for the following dates: (Please indicate a second choice)

- January 14-15, 1991       November 12-13, 1990

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\_\_\_\_\_ only Monday night.

I will need a \_\_\_\_\_ single/ \_\_\_\_\_ double room.

A check in the amount of \$650 should accompany this registration form and be made payable to the Medical College of Wisconsin. Telephone registrations must be confirmed by check within 10 days.

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Registrations and payment should be sent to:

LisaAnn Trembath  
SPECT Brain Imaging Fellowship Coordinator  
Nuclear Medicine Division  
Medical College of Wisconsin  
8700 W. Wisconsin Avenue  
Milwaukee, WI 53226 (414)257-6068

# TECHNESCAN MAG3™

Kit for the Preparation of Technetium Tc99m Mertiattide

## INDICATIONS AND USAGE

Technetium Tc 99m mertiatide is a renal imaging agent. In addition, it is a diagnostic aid in providing renal function, split function, renal angiograms and renogram curves for whole kidney and renal cortex.

**CONTRAINDICATIONS** None known.

**WARNINGS** None known.

## PRECAUTIONS

### General

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

Contents of the reaction vial are intended only for use in the preparation of technetium Tc 99m mertiatide and are NOT to be administered directly to the patient.

To help reduce the radiation dose to the bladder, as well as other target organs, the patient should increase his or her fluid intake (unless medically contraindicated) and void as often as possible after the injection of technetium Tc 99m mertiatide for six hours after the imaging procedure.

Technetium Tc 99m mertiatide should not be used more than six hours after preparation.

The components of the kit are sterile and nonpyrogenic. It is essential that the user follow the directions carefully and use aseptic procedures normally employed in making additions and withdrawals from sterile, nonpyrogenic containers during the addition of pertechnetate solution and the withdrawal of doses for patient administration.

The technetium Tc 99m labeling reactions involved in preparing Technescan MAG3™ depend on maintaining the stannous ion in the reduced state. Any oxidant present in the sodium pertechnetate Tc 99m may adversely affect the quality of the radiopharmaceutical. Therefore, sodium pertechnetate Tc 99m containing oxidants should not be employed.

As in the use of any other radioactive material, care should be taken to insure minimum radiation exposure to the patient and to occupational workers.

Radiopharmaceuticals should be used only by physicians who are qualified by specific training in the safe use and handling of radionuclides produced by nuclear reactor or particle accelerator and whose experience and training have been approved by the appropriate government agency authorized to license the use of radionuclides.

**Carcinogenesis, Mutagenesis, Impairment of Fertility** No long term animal studies have been performed to evaluate carcinogenic or mutagenic potential, or whether this drug affects fertility in males or females.

**Pregnancy Category C** Animal reproduction studies have not been conducted with technetium Tc 99m mertiatide. It is also not known whether this drug can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity. Technetium Tc 99m mertiatide 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 Tc 99m is excreted in human milk during lactation, therefore, formula feedings should be substituted for breast feeding.

**Pediatric Use** Safety and effectiveness in children have not been established.

**ADVERSE REACTIONS** None known.

**RADIATION DOSIMETRY** The estimated radiation doses<sup>1</sup> to the average adult (70 kg) from an intravenous administration of 185 MBq (5 mCi) and 370 MBq (10 mCi) technetium Tc 99m mertiatide are presented in Table 1. These radiation absorbed dose values were calculated using the Medical Internal Radiation Dose Committee (MIRD) Schema.

Table 1

Organ	ESTIMATED ABSORBED RADIATION DOSES*			
	Technetium Tc 99m Mertiatide			
	mGy/ 185 MBq	(rads/ 5 mCi)	mGy/ 370 MBq	(rads/ 10 mCi)
Urinary Bladder Wall	24	2.4	48	4.8
Upper Large Intestine Wall	0.94	0.094	1.9	0.19
Gallbladder Wall	0.81	0.081	1.6	0.16
Lower Large Intestine Wall	1.6	0.16	3.3	0.33
Kidneys	0.72	0.072	1.4	0.14
Small Intestine	0.81	0.081	1.6	0.16
Ovaries	1.3	0.13	2.6	0.26
Liver	0.18	0.018	0.36	0.036
Red Marrow	0.24	0.024	0.48	0.048
Testes	0.81	0.081	1.6	0.16
Total Body	0.33	0.033	0.67	0.067

\*Assuming patient voids at 4.8 hour intervals

<sup>1</sup>Oak Ridge Associated Universities, Oak Ridge, Tennessee

### References:

1. Taylor A Jr, Eshima D, Christian PE, Milton W. Evaluation of Tc-99m mercaptoacetyltryglycine in patients with impaired renal function. *Radiology*. 1987;162:365-370.
2. Ducret RP, Boudreau RJ, Gonzalez R, et al. Clinical efficacy of 99m technetium mercaptoacetyltryglycine kit formulation in routine renal scintigraphy. *J Urol*. 1989;142:19-22.

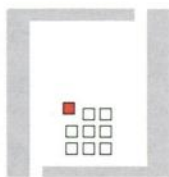
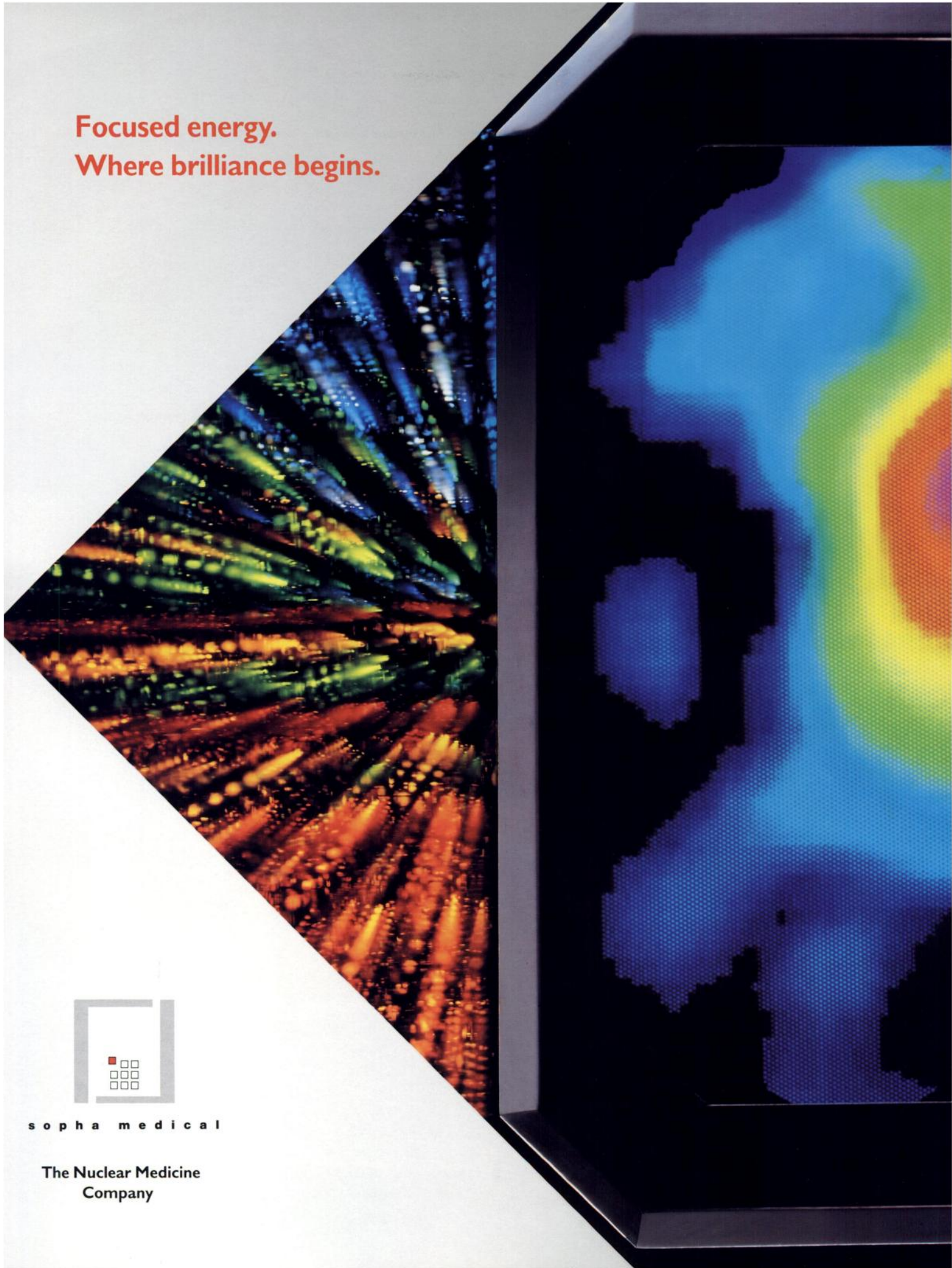


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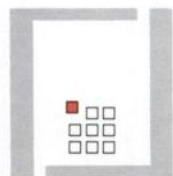
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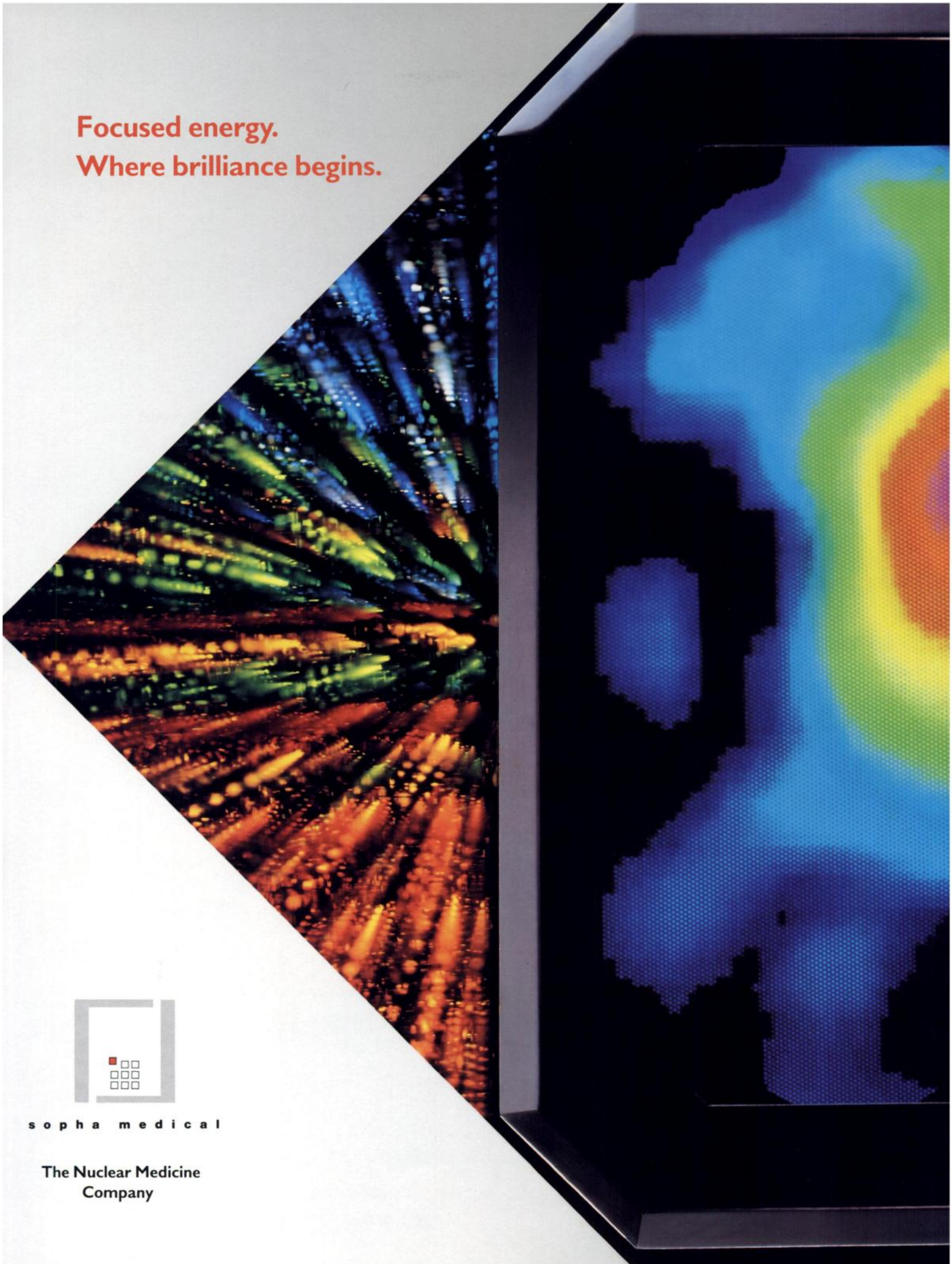
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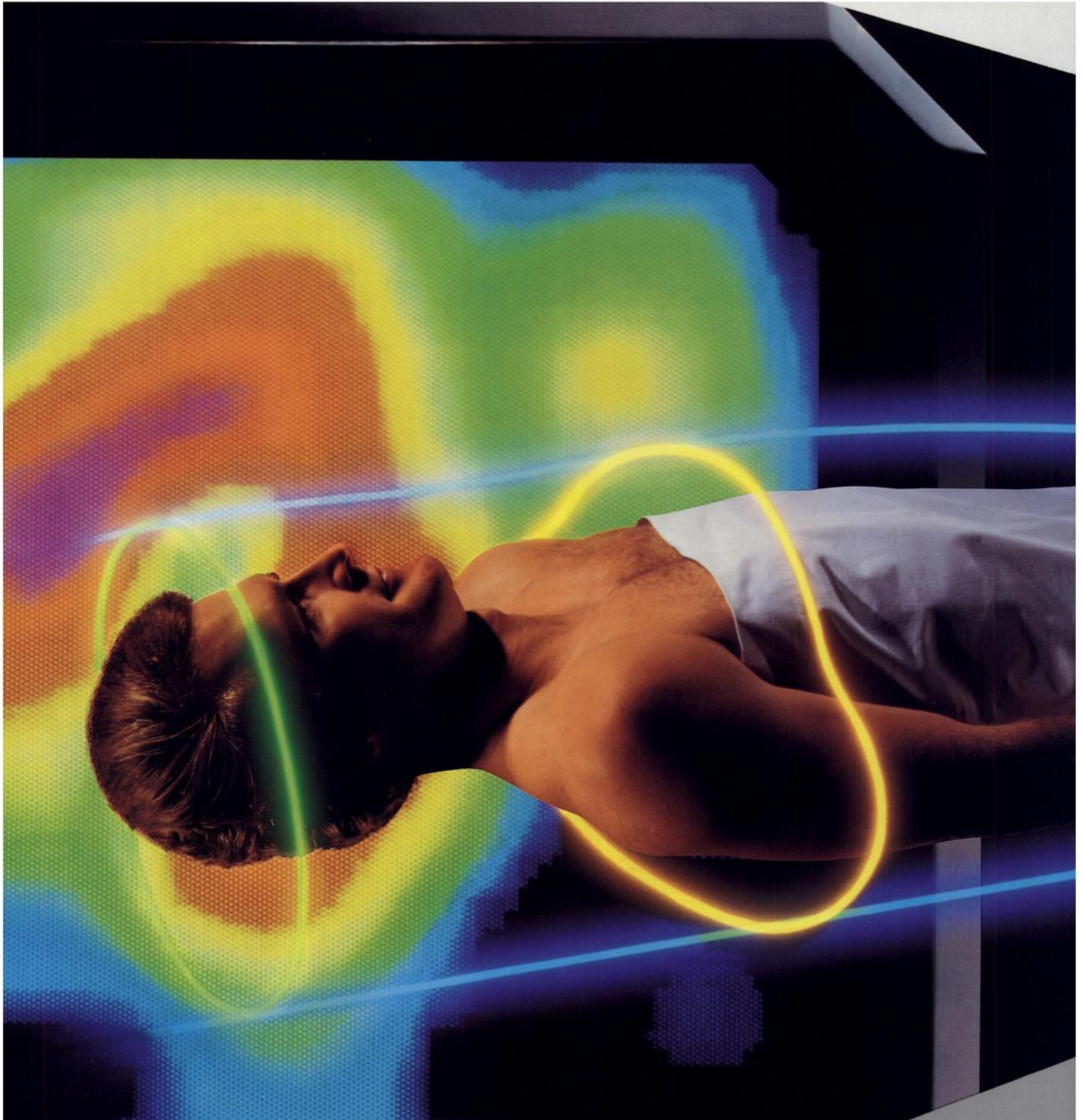
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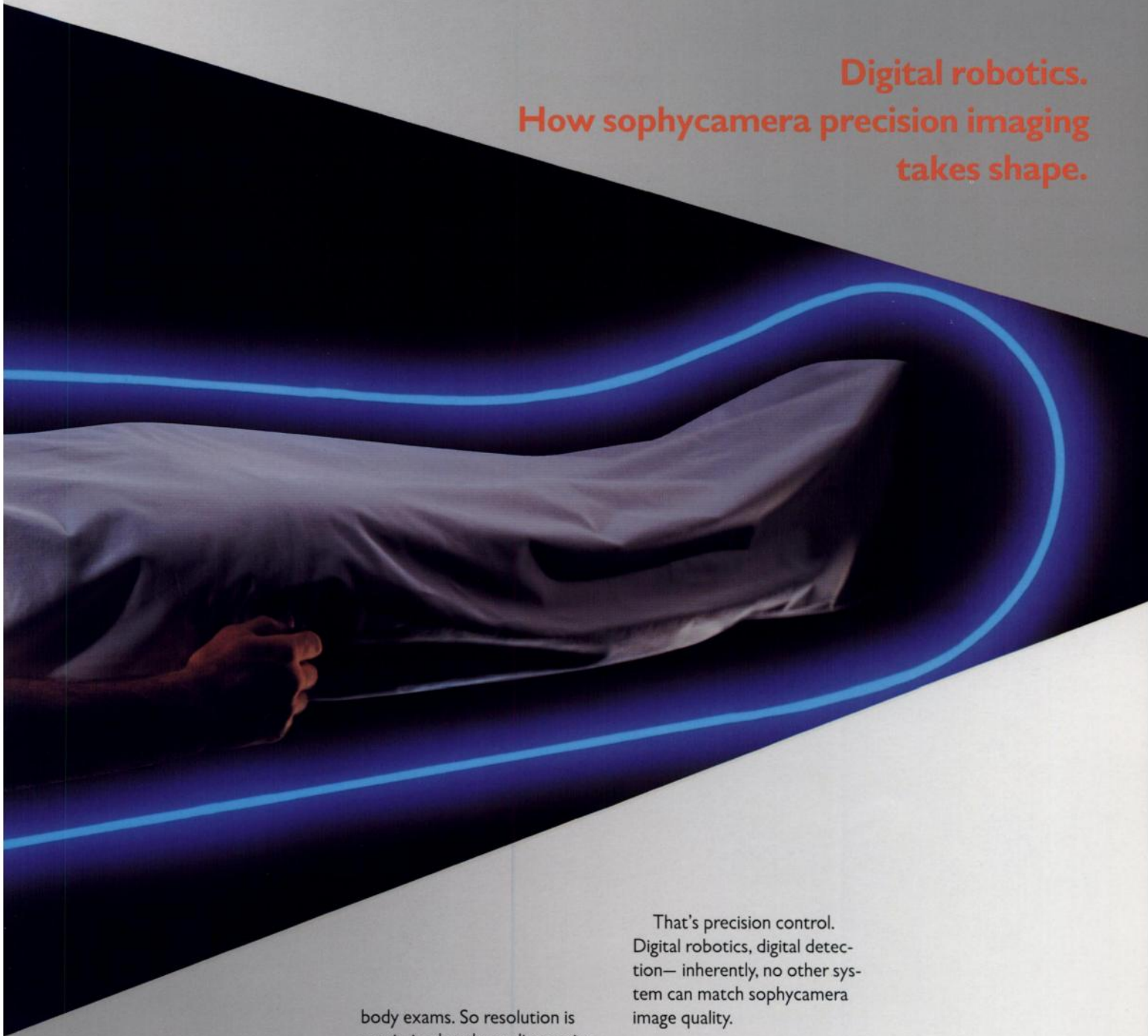
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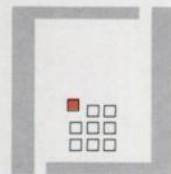
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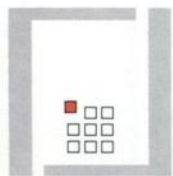
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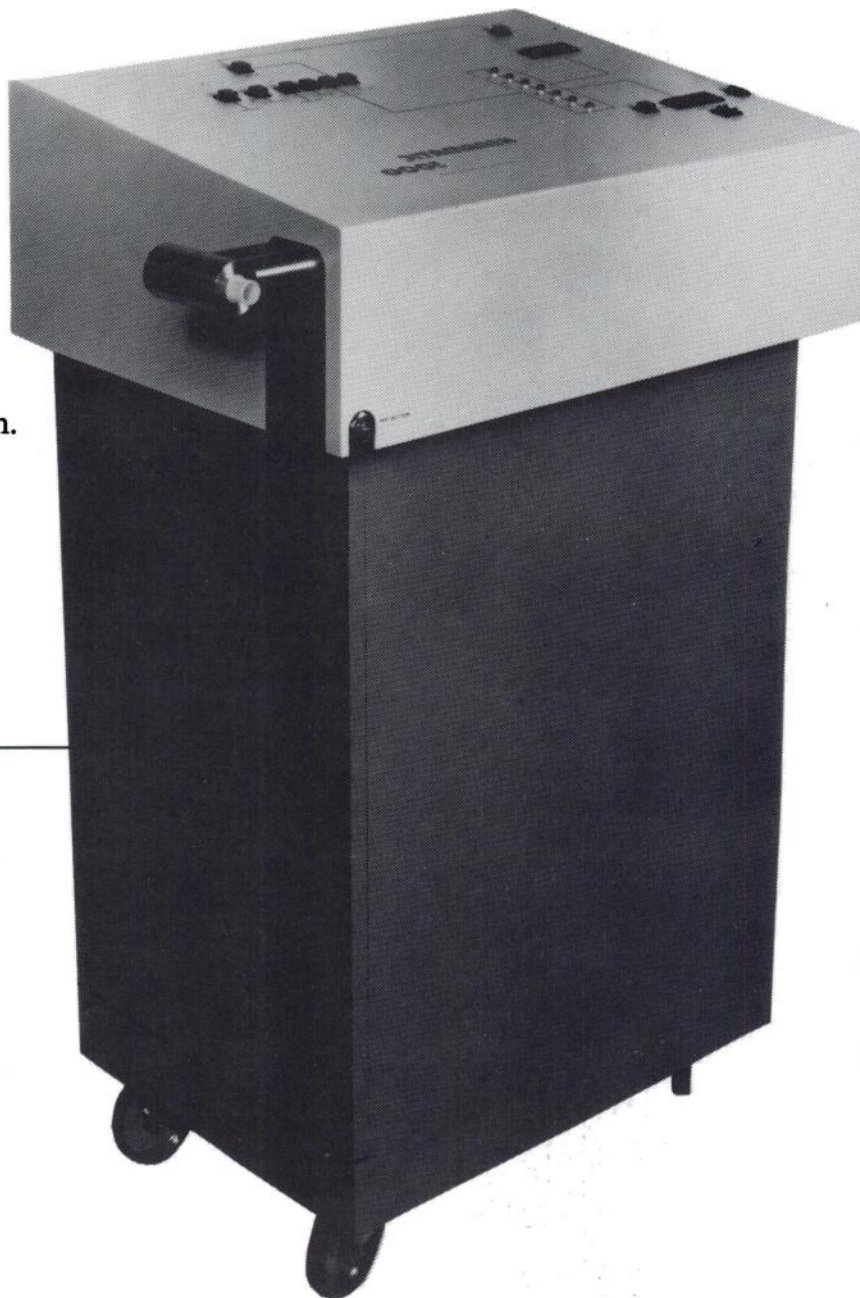
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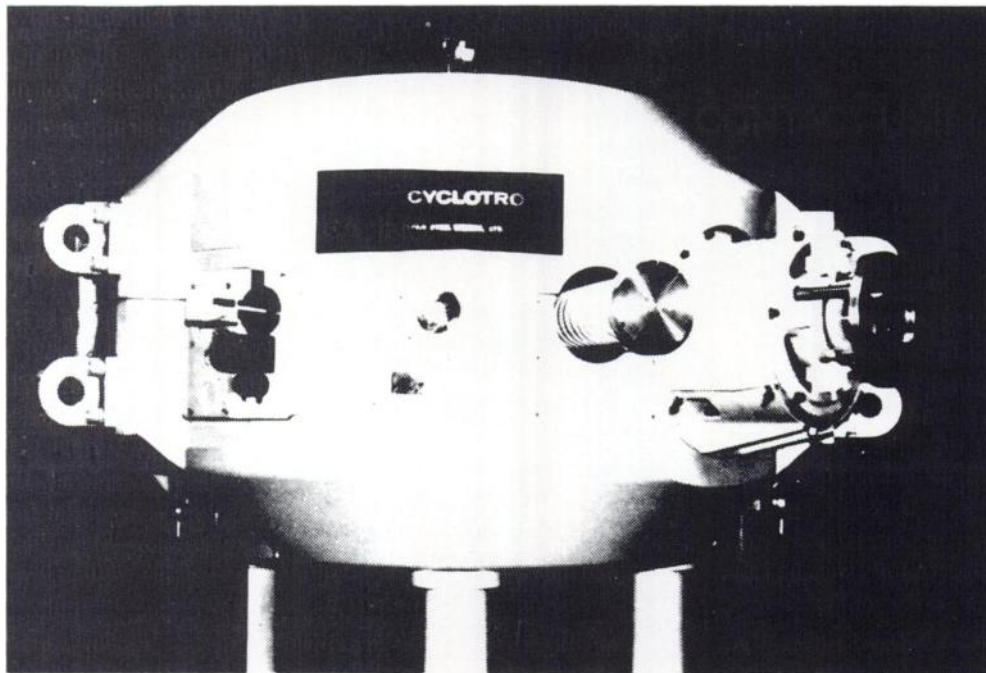
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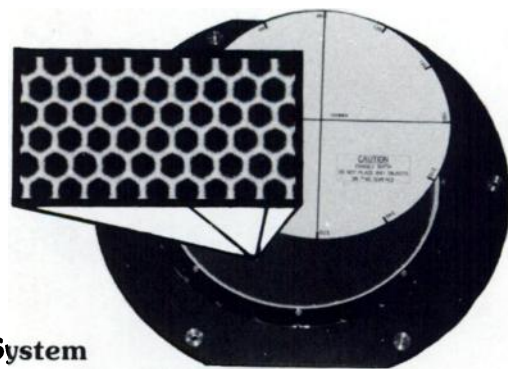
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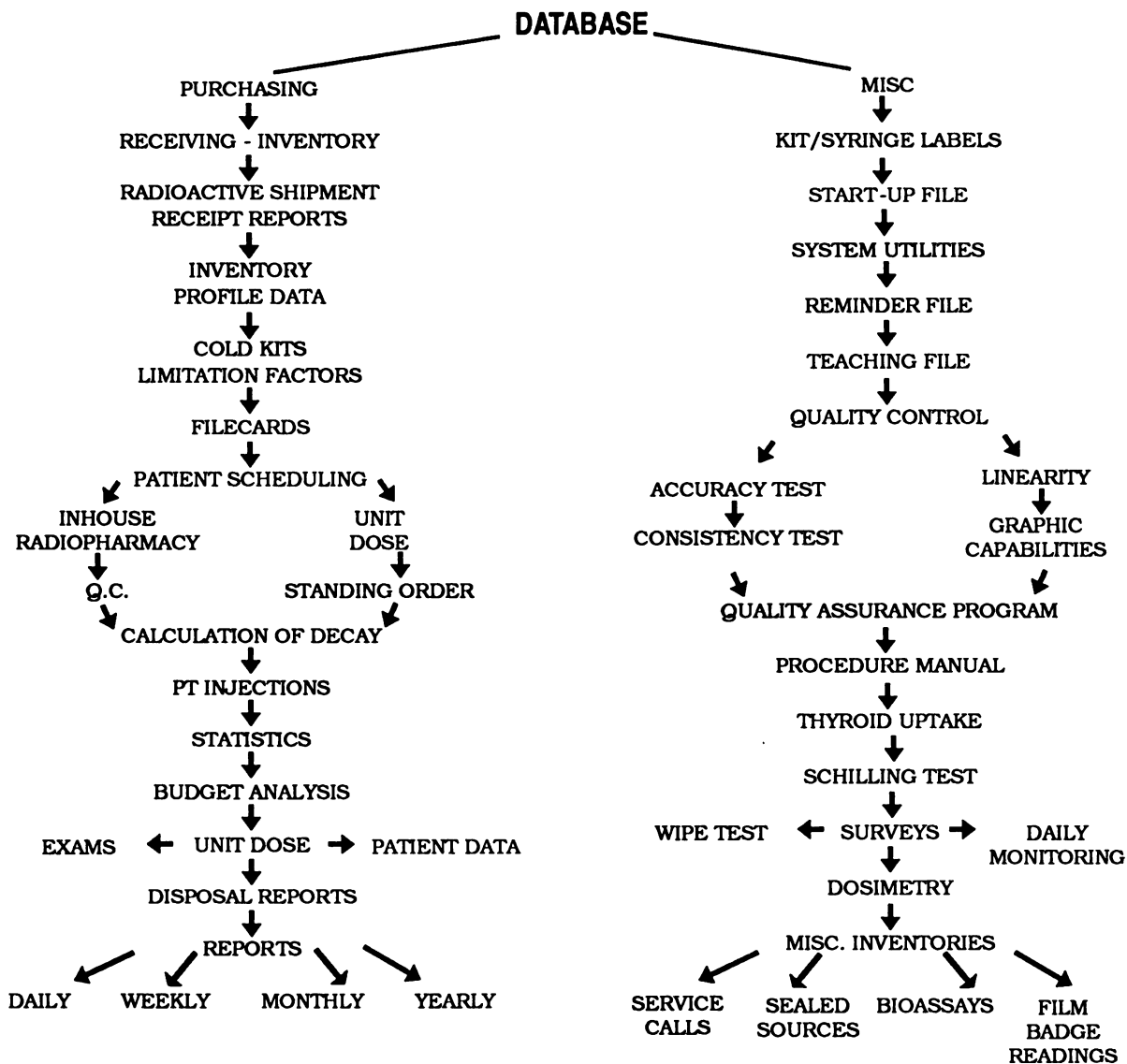
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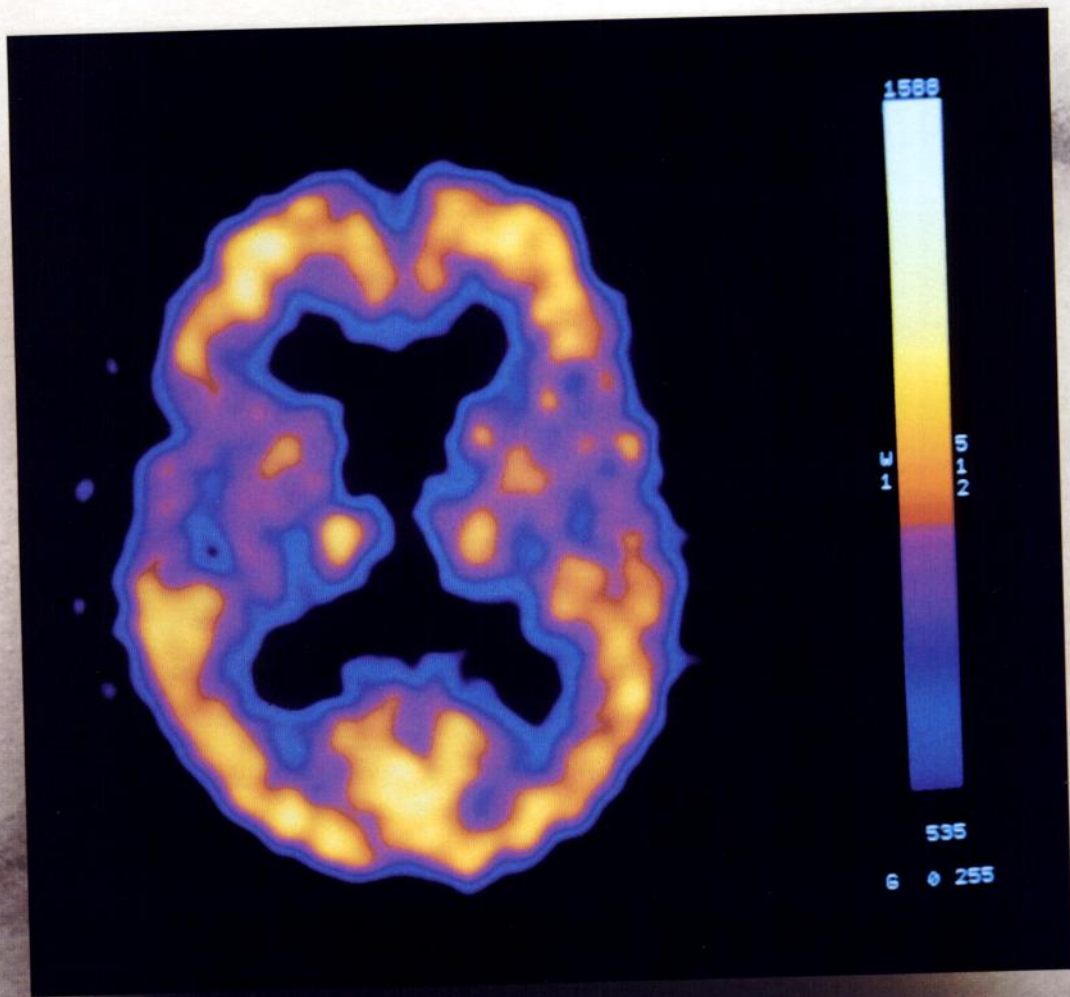


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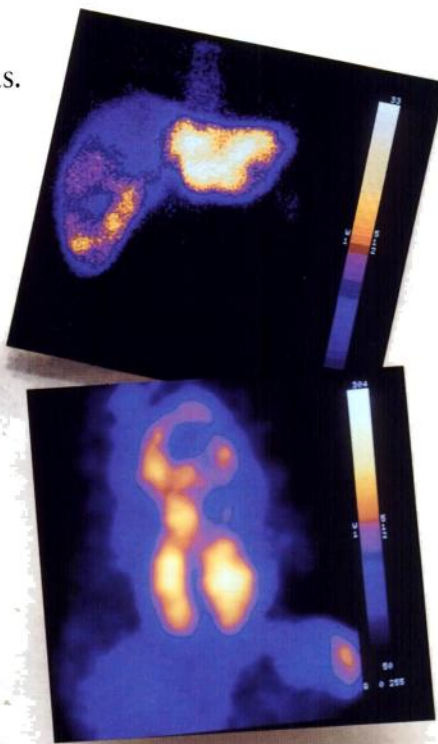
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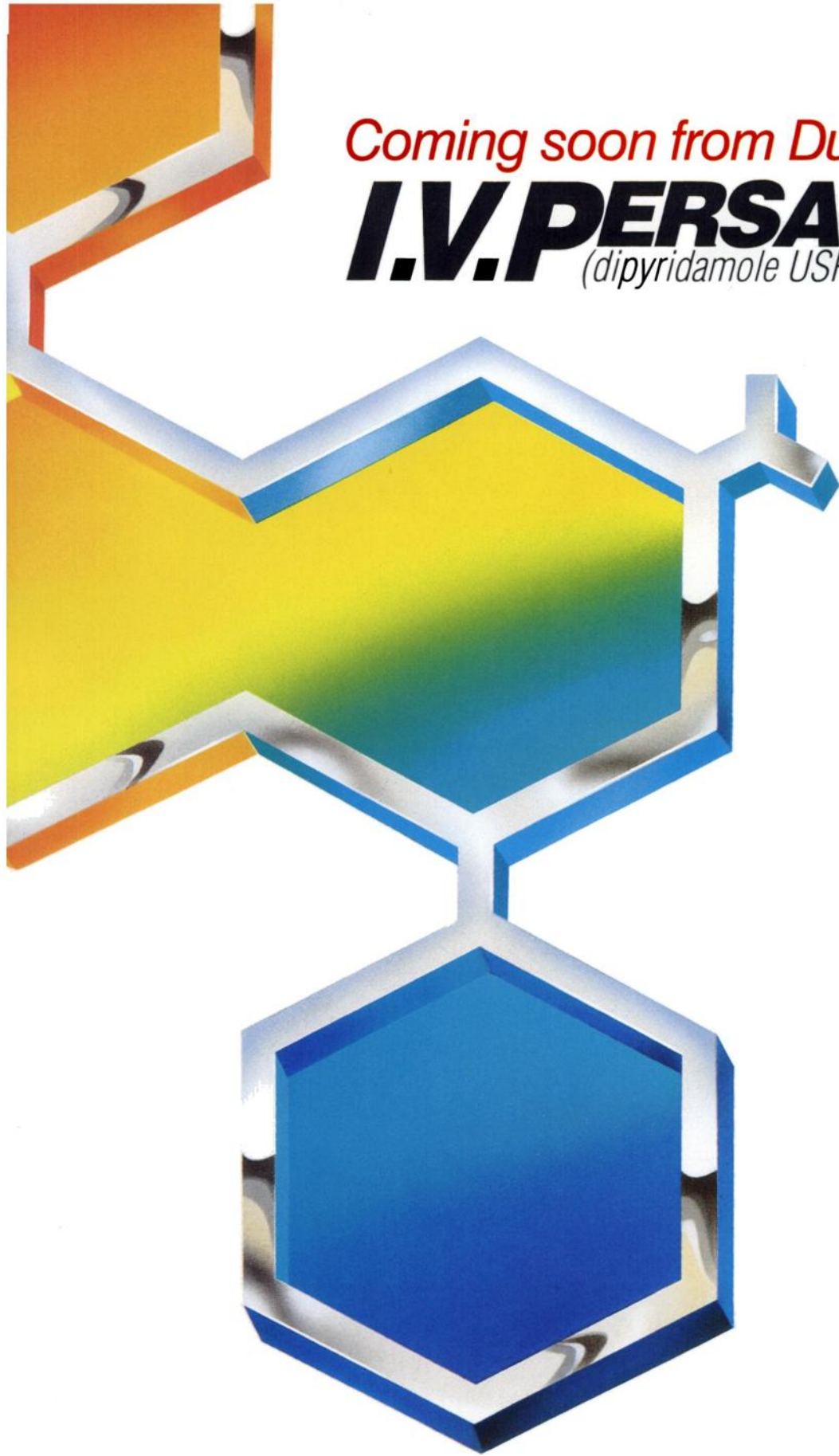
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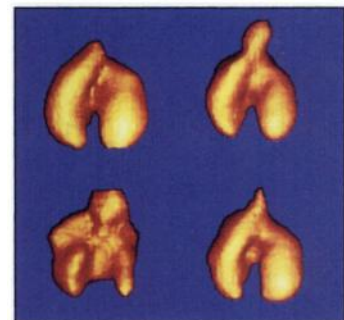
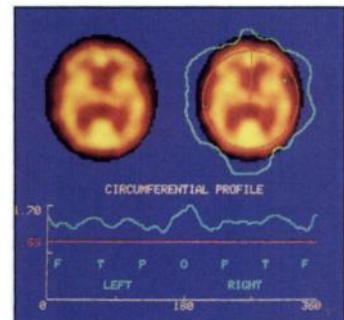
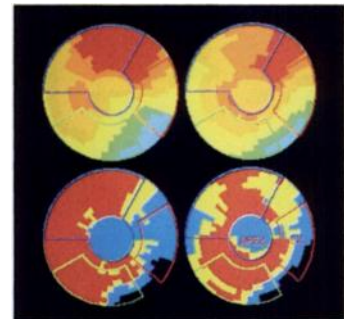
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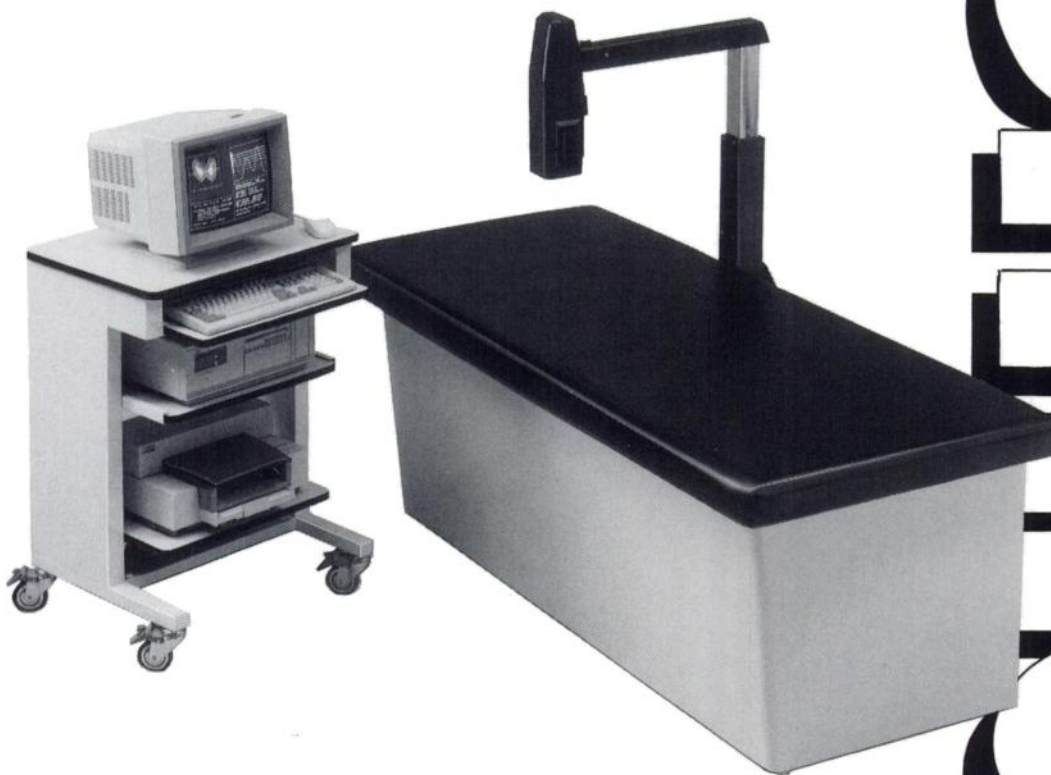
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The Department of Diagnostic Radiology and Nuclear Medicine at Stanford Medical School is searching for a **DIRECTOR** of the **NUCLEAR MEDICINE PROGRAM** with an academic appointment as associate or full professor. Stanford University is committed to increasing representation of women and members of minority groups on its faculty and particularly encourages applications from such candidates. Prerequisites include certification by the American Board of Nuclear Medicine, research training and productivity, broad clinical expertise, evidence of teaching ability, administrative experience and leadership characteristics. The Nuclear Medicine unit is moving its clinical facilities to new quarters in a recently constructed wing of Stanford University Hospital and is updating its equipment to state-of-the-art. It also includes a radioimmunoassay facility as well as research laboratories. The Stanford program is affiliated with the program at the Palo Alto Veterans Administration Medical Center, which is also in new quarters and has outstanding equipment including a PET scanner. Research facilities of the Department include MRI/MRS and image processing instrumentation and wet labs for radiopharmaceutical development. Opportunities for collaborative research with an outstanding Department of Electrical Engineering are available. The candidate will be expected to coordinate the scholarly, teaching and clinical activities of these units into a cohesive academic program. All interested candidates should send a letter of inquiry including a curriculum vitae, to Gary M. Glazer, MD, Chairman, Nuclear Medicine Search Committee, Department of Diagnostic Radiology/Nuclear Medicine, Stanford University School of Medicine, S-078, Stanford, California 94305.

The Division of Nuclear Medicine, Oregon Health Sciences University, Portland, Oregon, invites applications for a **FACULTY** position available immediately either part-time in nuclear medicine or full-time divided between nuclear medicine and another division of diagnostic radiology. Board certification in nuclear medicine is required. Send CV to Richard W. Katzberg, MD, Chairman, or Jeffrey S. Stevens, MD, Department of Diagnostic Radiology, UHN72; Oregon Health Sciences University; 3181 SW Sam Jackson

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tion, call (800) 346-4307 or send resumé to: Pitt County Memorial Hospital, Employment Office, P.O. Box 6028, Greenville, NC 27834. EOE/AA.

**NUCLEAR MEDICINE TECHNOLOGIST.** Hospital department currently doing 3,000 procedures per year is seeking qualified applicants. Must be certified or eligible for certification to work with the latest tomography and cardiac equipment. Competitive salary and benefits. Hospital is located in scenic western Maryland, offering clean, suburban living and numerous outdoor recreational activities. Apply to or call, Human Resources Dept., Sacred Heart Hospital, 900 Seton Drive, Cumberland, MD 21502, (301) 759-5065. Equal Opportunity Employer.

**NUCLEAR MEDICINE TECHNOLOGIST.** Stanford University Hospital in Palo Alto, California, is seeking ARRT and/or CNMT certified candidates, preferably with one year's experience, for a Staff Technologist position. If you're challenged by the opportunity to work in a state-of-the-art medical center and teaching institution, we invite you to join our team! At Stanford University Hospital, located on the beautiful and expansive Stanford University campus, you will enjoy a generous compensation package that includes an excellent salary, educational assistance, and on-going training programs. You will also enjoy the significant cultural and athletic facilities, free campus transportation, nearby shopping in downtown Palo Alto, and the mild climate and other pleasures of living in the San Francisco Bay area. For immediate consideration, please call Nora Gurevich, Chief Technologist, at (415) 725-4711. Or send your resumé to Nelda Heifetz, Stanford University Hospital, Employment & Recruitment, 300 Pasteur Drive, HG003, Stanford, CA 94205. We are an equal opportunity/affirmative action employer.

**NUCLEAR MEDICINE TECHNOLOGIST—Salt Lake City** is situated in a beautiful mountain environment and offers some of the world's best skiing. The VA Medical Center has immediate openings for registered technologists (NMTCB/ARRT) in its expanding and progressing nuclear medicine department. This is a challenging opportunity in a newly constructed department with extensive computer capabilities, tomographic imaging (emission tomography), as well as a fully equipped nuclear medicine research facility.

We offer competitive salaries and an excellent benefit program. Relocation expenses available. Please call (801) 582-1565, ext. 2260, or send resumé to: Pamela Tilton, Personnel Office, VA Medical Center, 500 Foothill Blvd., Salt Lake City, Utah 84148. The VA is an Equal Opportunity Employer.

**NUCLEAR MEDICINE TECHNOLOGIST.** Registered/registry eligible technologist to work in private office. General imaging and computer capabilities required. Competitive salary commensurate with experience. Send resumé to: NMC, 350 Parnassus #908, San Francisco, CA 94117. (415) 664-7400.

**STAFF TECHNOLOGIST.** Exceptional opportunity to work in a growing department in Santa Barbara. Responsibilities go beyond routine scanning and include introducing new techniques, teaching student technologists, and involvement in research studies. We are seeking a dynamic, board certified individual who desires a challenging, important position. Send resumé to Tricia Burke, 300 W. Pueblo St., Santa Barbara, CA 93105.

**TECHNICAL SUPERVISOR:** Supervise daily operation and technical personnel of The Methodist Hospital, Houston, Texas, Nuclear Medicine inpatient and outpatient laboratories. Minimum requirement—Associate Degree, current registry and certification in Nuclear Medicine technology, 3 years exp. as a Nuc. Med. technologist, supervisory exp. desirable, strong interpersonal skills. Please contact personnel at (713) 790-2217.

#### Equipment

Diagnostic Photon Corp. **RADIOPHARMACY LIQUIDATION.** Must sell Building, Equipment, Inventory, and Supplies—\$1.5 million. Call Mrs. Levine at (305) 972-5006.

For sale: Technicare 420/550, ADAC's vertical CDS, system I, system III, DPS 2800. We offer the highest prices for all types of nuclear medicine cameras & computers. Call Franklin at Imaging Solutions (415) 924-9155.

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The University of California, San Francisco—one of the world's preeminent Medical Centers—is seeking a qualified Senior NMT who will perform a full range of nuclear planar and SPECT imaging, labeling of cell components, bioassays, radiopharmaceutical preparations, computer applications, preceptor students in technology program and teaching residents. Emphasis is on professional development enabling tech. to perform at the highest level.

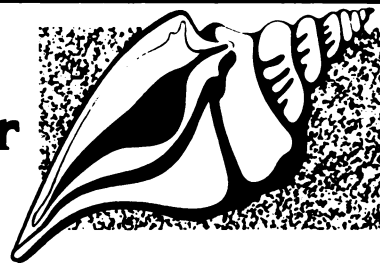
In-service and University sponsored staff development provided. Must possess a BS degree and hold current certification with NMTCB or equivalent. Must be eligible for CA NMT license. We offer an excellent benefit package. For more information contact:

**Duffy Price, CNMT, Technical Director, (415) 476-4592 or send resumé to: UCSF Personnel, 1350 7th Ave., LH-150, SF, CA 94143. Please refer to Job #HP65214. aa/coe/mfhv.**

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## Intramural Research Program National Institute of Mental Health

The NIMH is accepting applications for a senior neuroscientist with experience and interest in applying PET technology to the problem of brain function and structure and specifically to the localization of brain function in relation to behavior, cognition and mental disorders.

Applicants must hold a doctoral degree (M.D. or Ph.D.) or equivalent in one of the clinical or basic neuroscience disciplines, e.g., neuropsychiatry, psychiatry, neurology, neuropsychology, neurophysiology, developmental neuro-biology, etc.

The NIMH PET laboratory is located in NIMH Intramural facilities at the Clinical Center of the National Institutes of Health (NIH) in Bethesda, Maryland, and the research is carried out with the technical support of the NIH Nuclear Medicine Department. Two dedicated head scanners are shared among the three main user Institutes and substantial scanning time and resources are available. (Nuclear Medicine operates the cyclotrons, PET scanners, and supplies radiochemistry services for imaging research to all user Institutes.) Opportunities for collaboration in human studies abound, and facilities for basic animal research are also available.

Duties will include scientific leadership, administration and coordination of the NIMH PET program as well as the conduct of internationally-recognized research. Salary will be commensurate with that of other NIMH investigators with equivalent qualifications and responsibilities, ranging from \$50,342 to \$78,200 plus full Federal benefits and, for M.D.'s only, relevant bonuses or special pay. U.S. citizenship required.

Send C.V., bibliography, a statement of future research directions, and the names of three references to:

**Steven M. Paul, M.D.**  
**Director**  
**Intramural Research Program**  
**National Institute of Mental Health**  
**Building 10, Room 4N-224**  
**9000 Rockville Pike**  
**Bethesda, MD 20892**

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- One year nuclear medicine programs for qualified radiologists.
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The programs offer a comprehensive exposure to research and to all aspects of nuclear medicine.

For further information and applications for July 1, 1991, contact:

Joseph A. Prezio, M.D., F.A.C.P.  
Clinical Professor and Chairman  
SUNY/Buffalo Nuclear Medicine  
105 Parker Hall  
3435 Main Street  
Buffalo, N.Y. 14214

AA/EOE

## NUCLEAR MEDICINE TECHNOLOGIST Full-Time

San Jose Medical Center is one of the most comprehensive health care providers in the South San Francisco Bay Area. For this full-time position, we seek a licensed nuclear medicine technologist. We provide a full-service nuclear medicine lab and a wide spectrum of nuclear medicine services.

We offer an excellent compensation package. Please send your resume to Human Resources, San Jose Medical Center, Code JNM/LH-11, 675 E. Santa Clara St., San Jose, CA 95112 or call collect (408) 977-4666 for more information. EO/AA M/F/H/V



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# TRAINING COURSES

Oak Ridge Associated Universities (ORAU) announces their 1991 schedule of professional training courses. The laboratory-oriented courses, of one to five weeks duration, will include:

- Safe Use of Radionuclides
- Applied Health Physics
- Internal Dosimetry for Fixed Nuclear Facilities
- Radiopharmaceutical Internal Dose Calculation Techniques
- Gamma Spectroscopy
- Environmental Monitoring

Since 1948, ORAU's Professional Training Programs has trained over 20,000 regulators, health physicists, researchers, and educators in the detection, measurement, and safe handling of radiation materials.

For more information on these courses, write or call:



Registrar, Professional Training Programs  
Oak Ridge Associated Universities  
P.O. Box 117 • Oak Ridge, TN 37831-0117  
Telephone: (615) 576-3576.



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Due to corporate expansion, Trionix, a leading manufacturer of advanced nuclear medicine systems, has immediate openings in its Applications Department. Positions will be based out of our Cleveland headquarters.

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- 1 or more years experience as a nuclear medicine technologist
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- Familiarity with nuclear medicine computers
- Significant travel required

Resumés may be sent in confidence to:

Mr. Rick Walker  
Trionix Research Laboratory  
1666 Enterprise Pkwy.  
Twinsburg, Ohio 44087

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## TECHNOLOGIST JOB NETWORK

The New England Chapter-SNM/TS announces "The Job Hotline," a national toll-free, hotline for nuclear medicine. The hotline is designed to provide a quick link for technologists seeking jobs and for hospitals seeking technologists. Institutions seeking technologists should call the hotline number, leave the name of the institution, title of the job opening, and name and number of the contact person; data are then stored for three months in a database for anyone who calls the hotline seeking employment. Technologists seeking employment should call the hotline number, specify state(s) which are of interest, specify type of job desired, and leave name and address. A listing will then be sent out in 48 hours; all inquiries are kept confidential. If an opening has not been filled within three months, the institution should call again to have it listed. The institution should also call if an opening has been filled so that it can be deleted from the database. The hotline numbers are 1-800-562-6387 or 1-990-4212 in Maine. Questions or comments should be directed to: Tom Starno, President, New England Chapter-TS at (207) 945-7195.

The Mideastern Chapter-SNM/TS will provide a referral network for technologists seeking employment and for hospitals in need of technologists. Interested individuals should call Cathy Gonzalez at (301) 855-1712. Please leave your name, address, phone number and a brief description of your request.

**NOTE:** SNM chapters are invited to submit job referral service listings for publication. Pertinent information—name and brief description of the service, telephone number and/or address, name or number of contact person for inquiries—should be sent to:

Joan Hiam, Section Editor, JNM/JNMT The Society of Nuclear Medicine, 136 Madison Avenue New York, NY 10016-6760.

## NUCLEAR MEDICINE TECHNOLOGIST

Wadley Regional Medical Center, a 448-bed acute care, comprehensive regional referral center located in the beautiful scenic area of northeast Texas, is currently seeking full-time registered or certified nuclear medicine technologist. Emphasis on nuclear cardiology imaging including ECT thallium stress studies, and gated heart studies. Cameras include: ADAC Genesys with 33000-Plus computer, Picker DDC ECT Gantry with ADAC 3300-Micro computer, and GE 535 whole-body system with ADAC 2800 computer. We offer comprehensive benefits and competitive salaries. For more information send resumé or call:

Personnel Department  
Wadley Regional Medical Center  
1000 Pine Street  
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*Each description of the products below was condensed from information supplied by the manufacturer. The reviews are published as a service to the professionals working in the field of nuclear medicine and their inclusion herein does not in any way imply an endorsement by the Editorial Board of The Journal of Nuclear Medicine or by The Society of Nuclear Medicine.*

### **Modular Daylight Loader**

3M has developed the first centralized modular system for loading and unloading X-ray cassettes in full daylight, the Trimatic™ M Daylight Loader. The system docks to a 3M Trimatic X-ray film processor and can be customized to meet a variety of operational requirements. The Trimatic M system is composed of three modules: the base, the loader/unloader, and the film dispenser. The base module contains the master control and electronics section, which provides power to the other modules. Film dispenser modules can be arranged in any configuration so that any of the system's 29 film/screen combinations can be used. **3M Medical Imaging Systems Division, 3M Center Bldg., 223-2SW-03, St. Paul, MN 55144. (612) 733-3497 or (800) 328-1300.**

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### **Telemetry Radios**

Motorola Inc.'s Radius Division introduces the RNet 150 and 450 Series of Telemetry Radios, operational on the UHF and VHF frequency bands (403-430 MHz, 450-470 MHz, and 136-174 MHz). The models are available on two-channel operation and weigh 10.2 ounces. Key features include low current drain, voice and data transmission capability, and variable power levels. **Public Relations Dept., Communications Sector, Motorola Inc., 1301 E. Algonquin Rd., Schaumburg, IL 60196. (708) 397-1000 or (800) 624-8999 x5992.**

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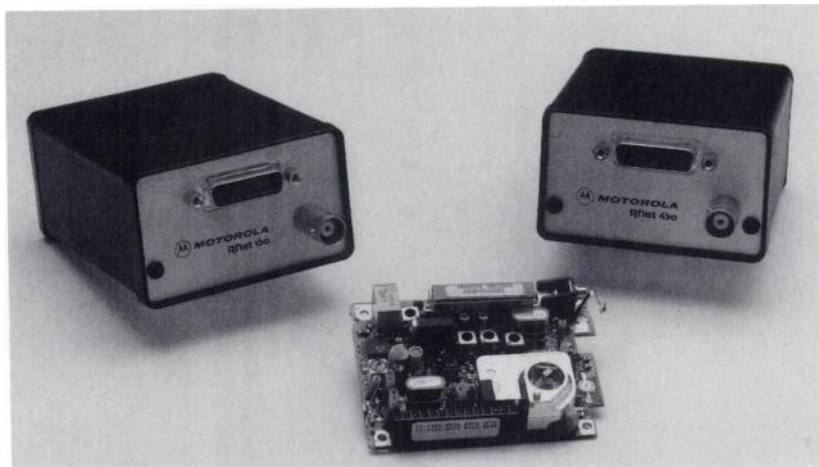


### **Radiographic Transport Stretcher**

Atomic Products Corporation has introduced a transport stretcher that allows the technologist to radiograph the patient directly on the stretcher without sacrificing image quality. The grid cabinet travels 6'8" and allows head to toe radiography. The off-centering feature allows the user to set the film tray and grid in a one-stop operation for radiography of hips, shoulders, and parts of the anatomy that do not lie on the mid-line of the table. Additional features are a cassette tray (accessible from either side), retractable push bar, fold-down i.v. pole, polypropylene table top with "living hinge" and

radiolucent cushion that eliminates the gap on radiographs, Fowler back, oxygen tank holder, basket for patient's belongings, and an optional front entrance ionization chamber phototiming system. The table can be used with any manufacturer's overhead tube crane, floor mounted tube stand, or portable X-ray machine. Users can order the fixed height unit or the height adjustable model. **Ron DeNezzo, Sales Dept., Atomic Products Corp., P.O. Box 702, Shirley, NY 11967. (516) 924-9000.**

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## Affinity Chromatography Units

Nalge has developed affinity chromatography units that feature low-cost, ready-to-use, pre-bound recombinant Protein G (rPG) antibody purification devices. Protein G is useful for immunoglobulin purification, especially for murine monoclonal antibodies and shows higher selectivity than Protein A for human, mouse, or other species' classes of IgG. There is no cross-reactivity with IgM, IgE, IgA, or IgD. Scale-up potential exists by stacking multiple 25 mm or 47 mm matrix discs in a holder or using new pre-stacked ready-to-use 50 mm units. **Jorge Pardo, Marketing Communications, Nalge Company, Box 20365, Rochester, NY 14602. (716) 586-8800.**

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## Nuclear Spectroscopy Software

EG&G Ortec introduces the Multi-Tasker, a PC software that allows nuclear spectroscopists to run up to 128 independent acquisition-and-analysis job streams concurrently in a DOS environment. All detectors and job streams can be controlled from a single PC. Multi-Tasker can be used in conjunction with Ortec or user-written software. The software can be used by an operator with little training. The user selects the type of sample from a menu and is then prompted for a small amount of information. The software generates custom report formats. **Sanford Wagner, EG&G Ortec, 100 Midland Road, Oak Ridge, TN 37831. (615) 482-4411.**

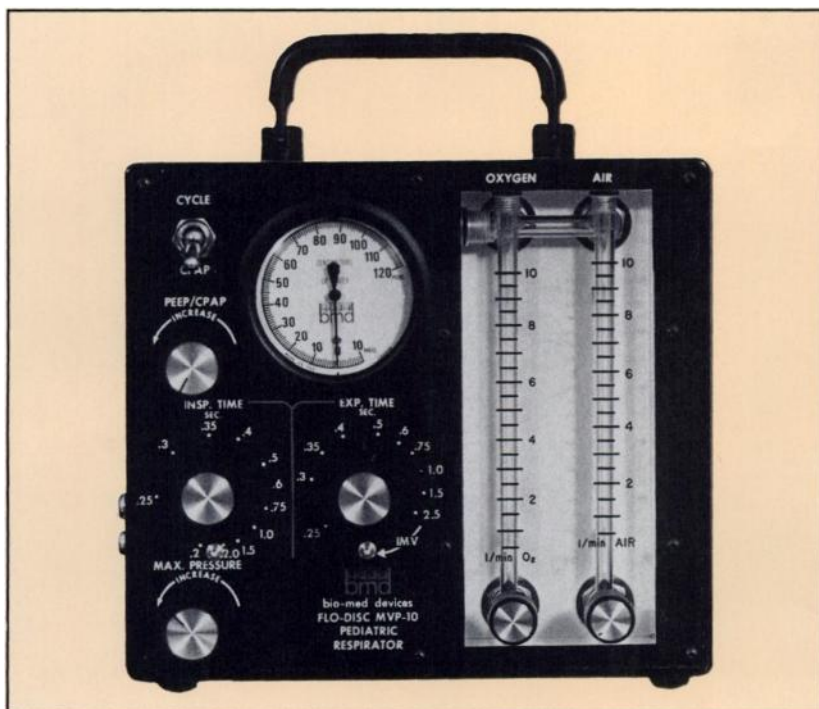
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## Non-Magnetic Transport Ventilators

Bio-Med Devices offers two totally non-magnetic transport ventilators, designed for safe and effective ventilation during MRI. Model IC-2A is an adult and pediatric volume ventilator, while Model MVP-10 is used as a pediatric/neonatal volume ventilator. Each rugged, light-weight unit has an extended range of safe

and effective ventilatory modes, including PEEP, CPAP, and IMV. Each is gas-operated and non-electronic with calibrated controls. **Bio-Med Devices, Inc., 8 Bishop Lane, Madison, CT 06443. (203) 245-8765.**

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## Bottle Top Filter Units

Nalge Company is offering Nalgene 90 mm Bottle Top Filters that have greater throughput than traditional 50 mm membranes. The cellulose acetate membrane is available in two pore sizes, 0.2  $\mu\text{m}$  and 0.45  $\mu\text{m}$ , and exhibits low protein binding, excellent flow rates, and little or no loss of specific proteins. The filters are radiation-sterilized for immediate use and are non-cytotoxic. The filters screw onto media bottles with 33-430 mm and 45 mm neck sizes. **Marketing Communications, Nalge Co., Box 20365, Rochester, NY 14602. (716) 586-8800.**

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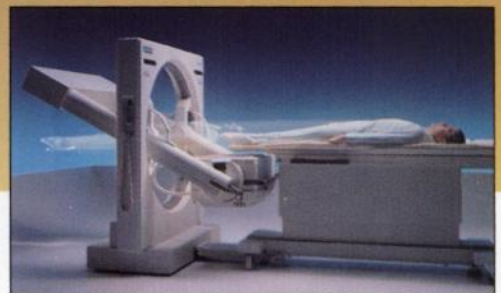
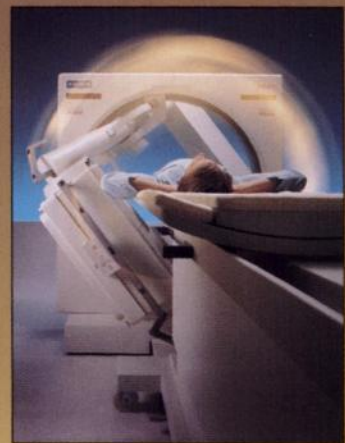
## Magnetic Tape Storage

Advanced Video Products (AVP) announces the addition of magnetic tape storage to its line of image archiving options. The Protape™ archive utilizes the latest in magnetic tape technology for cost efficient, high capacity storage of images. Installed inside an existing AVP computer, the new tape drive uses standard 3"×4.5" 8 mm video tape cassettes. Protape is available in 2.2 gigabyte capacity (storing up to 75,000 CT/MR images or 16,000 chest/bone images) and in 4.4 gigabyte capacity (storing up to 150,000 images with 640×480 resolution). **Henry Kunicki, Sales Director, Advanced Video Products, 543 Great Road, P.O. Box 1450, Littleton, MA 01460. (508) 486-0024.**

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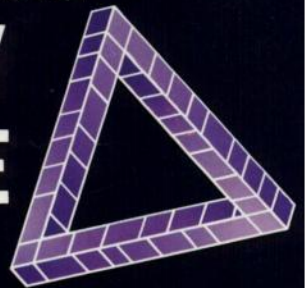
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