

NEW PRODUCTS

■ Brain Phantom

Nuclemed has introduced a new anthropomorphic brain phantom, the JB003, for SPECT and PET evaluation. The JB003 is a three-dimensional high-resolution brain phantom, which simulates human brain perfusion. It covers the entire range of cerebral blood flow nuclear studies. The phantom is composed of 40 numbered round plates stacked in a closed cylinder. The plates correspond to transaxial slices of the brain that are parallel to the canthomeatal plane. Each 3-mm plate has been designed to simulate the most accurate image of tracer uptake by a normal brain. This results in anatomical representation of the cortex, basal ganglia, cerebellum, and ventricles, while giving a 4:1 ratio of isotope uptake to gray and white matter. This ratio is obtained using partial volume effects in tiny volumes, which allows a single filling solution to be used regardless of its concentration. Hot or cold inserts may be added to simulate most clinical situations. Drawings, MRI scans, or CT scans can supply the ideal images. Additionally, a personal reference atlas can be built around the basic parameters of the camera in use. The adjustable cylinder allows planar acquisition to occur near the collimator,

regardless of the number of selected plates. The phantom is easy to use and there are no bubble problems. It can be used for quality control, evaluation of system performance parameters, strategies of acquisition, or experimental programs. *Nuclemed Nv/Sa, Weststraat 46-B2, B 8800 Roselare, Belgium. 32 51 221746.*

■ Protective Skin Cream

Knight Industries has formulated a skin cream that can be used by health professionals as a secondary barrier to infection when used in tandem with latex gloves. Viro Glove, when correctly applied to the skin, forms a protective antiseptic barrier that kills the pathogen AIDS HIV-1, as well as other common bacterial, fungal, and viral agents, on contact, for up to 6 hr. The product is similar in texture and scent to over-the-counter hand creams and is moisture-activated, waterproof, and oil and salt resistant. In laboratory tests, the nontoxic cream has resulted in hands that are 100% sterile for up to 4 hr after application of the product. *Viprotech Marketing, Inc., Deerfield Beach, FL. (800) 437-6545. From outside U.S.: Knight Industries, Inc., 750 East Sample Road, Pompano Beach, FL 33064. (305) 942-8708.*

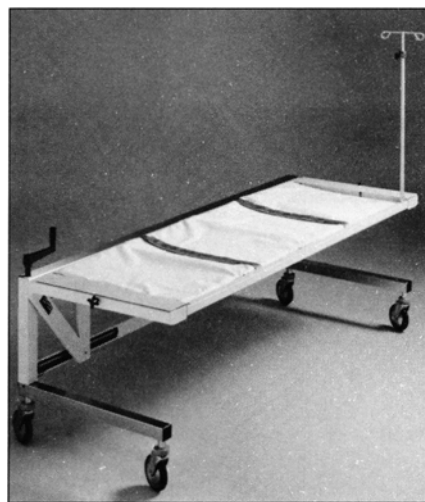
■ Radiation Monitoring System



Teledyne Isotopes has introduced the System 300, a thermoluminescent dosimetry system for personnel and environmental radiation monitoring. The System 300 incorporates a TLD reader, software, TLD cards, badge cases, and an automatic irradiator. The system uses a highly sensitive phosphor that measures exposures of less than 100 mrem. The TLD card, with eight independent dosimeters, provides a second

analysis and additional energy information. The System 300 has a standards-on-demand feature that eliminates the need to manually intersperse calibration cards between samples. *Teledyne Isotopes, TLD Department, 50 Van Buren Avenue, Westwood, NJ 07675-1235. (201) 664-7070. In Europe and Asia: Teledyne Isotopes, Ankermonde 3, 3434 GA Nieuwegein, Netherlands. (31) 3402-62065.*

■ Panoramic Imaging Table



Bidex's XYZ Imaging Table for nuclear imaging has been redesigned. The table now features a 78 1/4" x 24" viewing area to accommodate taller patients and offers crank handle selection above or below the table-top surface. There is a flush-mounted plexiglass top that allows the camera to be positioned beneath the patient's imaging surface and both the camera or table can move without any interference. The table has 19" of head-to-toe travel (X) and 10" of side-to-side travel (Y) for increased flexibility during all planar imaging techniques. When the camera is positioned beneath the table, it can extend freely from any of the four sides. *Bidex Medical Systems, P.O. Box 702, Shirley, NY 11967-0702. (516) 924-9000.*

■ Remote Viewing System

Evergreen Technologies introduces MedVision Viewer, a medical visualization product that provides remote viewing on both Apple and IBM-compatible/Windows computer platforms. The software provides flexible, easy-to-use viewing capabilities for PET and SPECT images. Images from multiple modalities as well as from multiple medical scanner vendors can be viewed simultaneously from a single viewing station. *Evergreen Technologies, Inc., Diamond Farm Office Park, 849-M, Quince Orchard Blvd., Gaithersburg, MD 20878. (301) 948-1800.*

These descriptions are 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 Technology* or by The Society of Nuclear Medicine.