



RSNA2008  
Personal Learning in the  
Global Community

# New Products & Services

The following new products and services are offered in the technical exhibit areas. Consult the RSNA Meeting Guide for the booth number and location of each company.

## Portable Color Doppler System



SonoScape's S8 portable color Doppler system is incorporated with High Q noise filter technology, native-resolution scan converter, multibeam process technology, MicroScan imaging technology and automatic tissue optimization. A wide range of high-definition probes are capable of rendering superior quality 4D images and excellent for cardiac applications with advanced imaging techniques including tissue Doppler imaging.

## Versatile Positioning Table



Anthro introduces the newest version of Carl's Table, the CT08. The CT08 quickly adjusts lighting, privacy, height and tilt settings with the touch of a button, and will remember individuals' preferred height settings. The air circulation can be adjusted for maximum comfort to adapt to the way radiologists work.

## Radiology Report Search Software



Softek Illuminate™, with its proprietary free-text search technology, allows Philips iSite PACS users to search, locate and display radiologic reports and images using a Google™-like interface. Softek Solutions built Illuminate as a plug-and-play enhancement that operates from within the iSite exam shelf. Doctors can use Quick-Link icons to search for past reports without interrupting current workflow, tag and share findings with colleagues, document ACR-required peer reviews and easily conduct research for papers or presentations.

## Disposable Nonmagnetic MR Scalpels



Newmatic Medical nonmagnetic disposable scalpels are perfect for the increasing number of surgical procedures being performed

in the MR imaging suite. A variety of styles are available in convenient 4-packs as well as a mix-and-match 4-pack. The sterile scalpels feature titanium blades, see-through safety cap and a molded, textured grip handle. They are available in three sizes.

## Integrated Dictation System

Crescendo Systems' Centro system allows radiologists to pick an order and immediately dictate. Access to the patient's dossier offers retrieval of all historical data. Centro

integrates with PACS vendors including Siemens, McKesson, FUJI, GE and AGFA. Using the power of speech processing, the dictation workflow is facilitated through sections of speech, which are assembled into the final report using Crescendo's platform. Notes can be charted on anatomical images and physicians are alerted to critical findings.

The information for these new products and services was provided by the manufacturers. Inclusion in this publication should not be construed as a product endorsement by RSNA.

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**RSNA**  
Booth #6210, Hall A

or visit [www.barcomedical.com](http://www.barcomedical.com)



Visibly yours



That's the power to perform.

## Connecting Physicians Means Better, Safer Care

Meet Dr. James Jones, Medical Director, Emergency Services, at Southeast Alabama Medical Center (SAMC) in Dothan, Ala.

Overseeing an emergency department that handles 57,000 visits annually, Dr. Jones is always on the go. He wants to increase patient flow, and minimize risk while continuing to provide quality care. Dr. Jones doesn't have time for surprises, and can't afford a breakdown in communication with the Radiology department.

With McKesson, Dr. Jones gets what he wants. SAMC radiologists use McKesson's Horizon Medical Imaging™ PACS to provide better, faster diagnosis of studies for ED patients. They're truly part of his team, affecting real-time care on the front lines. And Dr. Jones wouldn't have it any other way: "We don't have surprises anymore. It's easier to stay connected with our radiologists. And our patients benefit with improved care, with faster care."

Learn more at RSNA. Visit McKesson booth #8328 to hear more about the Southeast Alabama story and how McKesson can connect your radiologists and care team to better, safer care.

[www.mckesson.com/rsna08](http://www.mckesson.com/rsna08)

**MCKESSON**

*Empowering Healthcare*

## Wireless Quality Assurance Measurement



Fluke Biomedical's TNT 12000 X-Ray Test Device is a wireless all-in-one imaging quality assurance device. It sets up in seconds and measures kVp, dose, dose rate, time and half-value layer (HVL) in a single exposure. A wireless ZigBee communications protocol enables quick and easy setup and the wireless detector can be used with the companion wireless display or a laptop computer. Instant HVL with just a single exposure further enhances productivity.

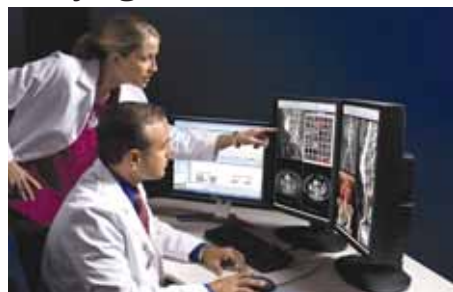
## Clear Needle Localization Wire Protectors



The Beekley Corporation announces Cradles needle localization wire protectors, disposable clear covers designed by a mammography technologist for protecting and stabilizing the needle localization wire. Unlike bulky padding, Cradles conforms to the patient's body to prevent wire movement and its clear cover ensures the localization wire is visible at all times. Removal of Cradles in preparation for surgery is safe and easy with no guesswork or potential tugging of the wire.

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## Unifying PACS



Carestream Health's SuperPACS™ architecture will allow healthcare providers to connect disparate PACS at multiple sites throughout a healthcare system. Currently a work in progress, this umbrella architecture will communicate with existing PACS from multiple vendors, creating an enterprise-wide environment that will offer a unified, common global worklist, effectively use existing PACS to avoid replacement costs, apply customer-defined rules to route specific exam types to preferred radiologists and provide a single desktop with one user interface and one set of clinical application tools.

## Core Sample Collection



The Spirotome Bone system by MedInvents is characterized by rotational cutting on a tissue receiving helix in a direct frontal way. Spirotome Bone can provide high quality large core samples out of soft tissues from bony structures with maximal patient comfort. The MR conditional sets are available in 8- and 10-gauge and create various new opportunities for the interventional radiologist in the diagnosis and treatment of osteolytic lesions.

## Digital Mammography Film Imager



The Sony FilmStation UP-DF750 digital mammography film imager supports both mammography and radiology applications. The UP-DF750 adds a high-resolution thermal head and is engineered with 3.8 D-max optical density and 604 dpi. The UP-DF750 can be installed horizontally or vertically. Dual trays accommodate all film

sizes for added convenience. UP-DF750 meets the standards of the Mammography Quality Standards Act and a large view 3.8" LCD panel displays information required for daily quality assurance testing as well as other critical settings.

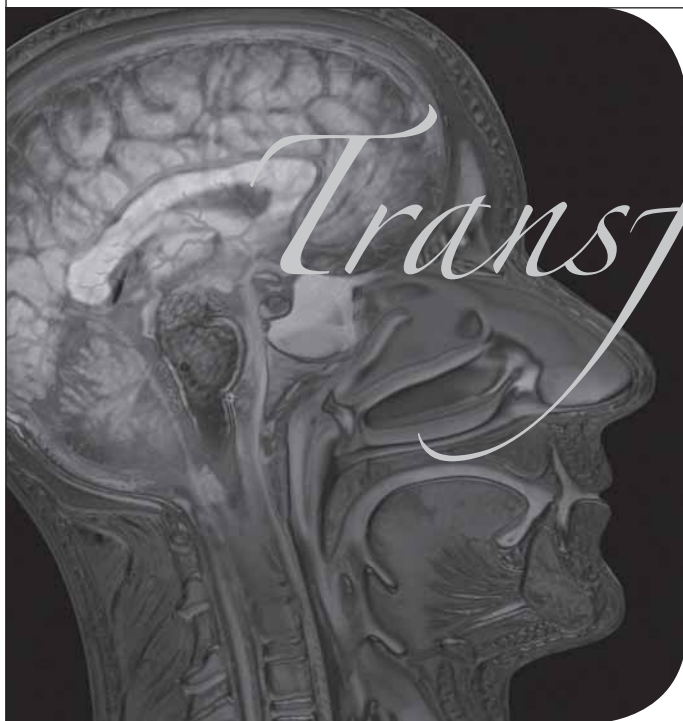
## Searchable MR Safety Database

MagResource has developed a searchable online database for tracking the MR safety status of medical implants. To provide technologists instant access to manufacturers' latest safety information, MagResource features daily updates, not annual revisions. Technologists can retrieve data on more than 3,000 devices without a login or password. Unique scanner-based subscription allows installation on multiple computers. If a device is not in the database, MagResource will research it at no cost.

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the Future of Radiology

Check out the ACR's latest offerings at booth #6403A.

Visit ACR's booth #6403A located in the South Building, Hall A, and preview what's new in:

- **Education** — "Test drive" the ACR Case Engine, the custom delivery vehicle for CME courses offered in our state-of-the-art Education Center, and check out the world-class offerings on the ACR Campus Online and other traditional products.
- **Advocacy** — Meet members of our government relations and economics staff and hear how we're looking out for you on the Hill and at the state level.
- **Clinical Research** — Learn more about the ACR's clinical trials conducted through ACRIN® and RTOG®.
- **Quality and Safety** — Gain hands-on experience using eRADPEER™.
- **Membership** — Update your member profile in PRED, our new database designed to provide you with a unique member experience!

### Career-seekers and employers:

Visit the ACR Career Center in Room S105AB to learn about our enhanced services.

**Come be part of the transformation.**



**Molecular Imaging Zone**

# Have you been to the Zone?

Visit the Molecular Imaging Zone  
Lakeside Learning Center  
Hall E

MI education exhibits and posters from:

- Training and Research Programs
- Molecular Imaging Societies
- Government and Funding Agencies



## Meet the Experts Sessions:

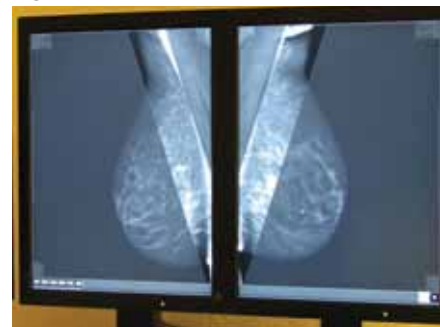
Sunday–Thursday  
12:15–12:45 p.m.  
12:45–1:15 p.m.

## CO<sup>2</sup> Insufflators for Virtual Colonoscopy



Ulrich medical® introduces a device that automatically insufflates carbon dioxide into the colon for CT virtual colonoscopy examinations. Due to the regulated and constant insufflation, the patient's comfort is increased. Furthermore, the distension of the colon is significantly improved compared to common room air insufflation performed by handheld pump systems.

## Mammography Reading System



Three Palm Software's WorkstationOne™ works with a wide range of modalities and offers customized mammographic-specific hanging protocols for both screening and diagnostic study interpretation, single-click navigation and Tabár's systematic masks for perceiving subtle abnormalities. All-pixel full-resolution viewing is visually tracked and an electronic grease pen allows radiologists to mark up images with automatic generation of recall and screening reports.

## Orthopedic, Abdominal Imaging DVD Set



The ProScan Imaging Education Foundation Master's Series focuses on the topics of orthopedics and abdominal imaging, including MR imaging of the hip and the male and female pelvis. Liver, kidney and cardiac imaging are also featured. This 26-DVD set features Dr. Stephen J. Pomeranz's most advanced lectures on diagnostic imaging to date. Presentations examine subjects such as subtle interpretation techniques, anatomic detail and mastery of key issues including planning and set-up, terminology and case management of intervention.

## Vital Monitoring During MR Scans

MIPM's MRI BOSS combines an MR-compatible pulse oximeter with a fully electronic MR-compatible NIBP monitor. It enables radiologists and anesthesia staff to accurately monitor patients during MR scans. The Soft Touch SPO2 finger adapter can be utilized to monitor neonatal, pediatric and adult patients.

MIPM guarantees long-living fiber optic sensors and therefore minimal operating cost paired with dependable readings. MRI BOSS is tested and certified for all MR scanners up to 3 T.

## Integrated Digital Radiography System



Quantum Medical Imaging announces the DiRex-SP Radiographic System, a digital imaging solution offering full flexibility for all patient imaging. The system utilizes a specially configured Agfa CR-30 System and Quantum Radiographic system, integrated into a single digital imaging solution. Quantum's TechVision option allows the technologist to modify exposure parameters and preview images tube-side and the tabletop CR-30 system provides images of exceptional detail.

## DICOM CD/DVD Burner



The PACS-GEAR Medi-Writer™, an affordable, reliable DICOM CD/DVD burning system, now integrates

reports from DICOM Structured Report and HL7 feeds. Featuring the highly reliable Epson Disc-producer™, the Medi-Writer D200 includes an embedded DICOM viewer to create complete and portable medical records.

## Contactless Power Transmission



CPT by Schleifring provides non-contacting power transmission across a large, free inner bore. CPT offers maintenance free, long operational life while introducing no additional torque to the

scanner. Electrical power can be transferred, varying from 100W in industrial applications to up to 150 kW for security or medical scanners. This transmission principle is based on a transformer configuration with a high efficiency factor. The system is designed for high rotational speeds and voltage stability within the full load range.

## Film Processing System



The ECOMAX film processor by Protec is a 100-second heated processor that includes replenishment

and circulation and microprocessor-controlled run and standby functions. The ECOMAX is simple to set up, operate and service and comes with 6.5 gallon replenishment tanks. Optional stands are avail-

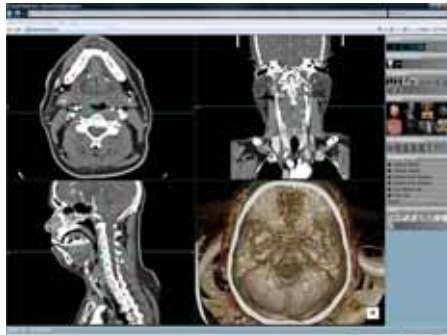
able in basic or deluxe versions and an optional No Plumbing Kit is also offered.

### Mobile Digital Radiography System



The MobileDaRt Evolution by Shimadzu Corporation is cordless and can be used in the emergency department without worry about electric cord length limitations or concerns about tripping over cables. New features include a 32 kW generator for shorter exposure times and a keyless system turn-on. Unique key codes offer the ability to track errors.

### 3D Analysis Station



Ziosoft's thin-client based Ziostation provides a full suite of advanced 3D analysis tools and is based on a revolutionary unified thin-client architecture that requires no proprietary or specialized hardware. Ziostation also does not necessitate a separate standalone workstation to supplement its functionality. Highlights include highly scalable architecture with the ability to load-balance case processing, a sophisticated toolset including vessel/coronary analysis, multivolume fusion and auto-segmentation, customizable user interface and Web-based accessibility requiring no software installation.

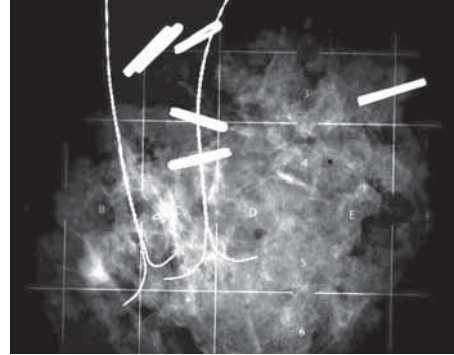
### IHE®-Compliant PACS/RIS



RADinfo SYSTEMS offers PowerPACS/RIS™, the first solution compliant with Integrating the Healthcare Enterprise (IHE®) standards to support structured reports. The solution is HIPAA-compliant and securely Web-based and performs basic RIS workflow functions for scheduling, admitting, ordering and reporting. PowerPACS/RIS is an evolutionary enhancement of the PowerPACS™ suite of products that offer image acquisition, distribution, viewing, printing and archiving

functions. Workflow management is customizable to client specifications.

### Reference Grid for Mammography Specimen Viewing



2View has added an integrated reference grid system to its 2View Specimen Mammography Container. The radio-opaque grid is integrated into the lid of the container,

providing a reference that can be seen on the specimen mammogram as well as on the outside of the container. The grid can be aligned by the surgeon to ensure margin orientation is easily understood by all parties.

### High-definition CT



GE Healthcare introduces the Discovery™ CT750 HD, the world's first high-definition CT system. With up to a 33 percent increase in spatial resolution across the entire body, the CT750 HD provides high definition detail. The CT750 HD with the exclusive Gemstone™ detector operates at

up to 50 percent less dose to patients.

### Digital Radiography System

The Canon CXDI-40EC DR System, which features the LANMIT 8 large area sensor and thin-film transistor, is equipped with a large 17" x 17" imaging area for capturing X-ray images large and small without the need to adjust detector orientation. At the core of the CXDI-40EC DR system is the Canon Amorphous silicon flat panel detector with cesium iodide scintillator, which produces clear, high-resolution diagnostic images in 12-bit grayscale with 4,096 gradations.

### TECHNICAL EXHIBITION HOURS

Hall A (South Building), Hall B (North Building), Hall D (Lakeside Center)  
 Sunday–Wednesday . . . . . 10:00 a.m.–5:00 p.m.  
 Thursday . . . . . 10:00 a.m.–2:00 p.m.

## Full-Service Teleradiology

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## Automatic Door Control for Auto-Seal™ II Door



ETS-Lindgren introduces an automatic door opener/closer (AOC), designed to aid the technician in moving patients into and out of the MR imaging suite. The AOC offers adjustable timing on the opening and closing operation and convenient push-button activation. Use of the AOC can extend the life and maintenance intervals on the door. Designed for reliable, high traffic operation, the AOC allows for manual use in the event of a power loss or an emergency situation.

## Orthopedic Preoperative Templating System



RSA Biomedical debuts the newest version of the mdesk™ system for orthopedic

preoperative planning and templating in digital X-rays. mdesk 3.0 includes a redesigned hip replacement guide, improved functionality for trauma templating, more templates from all major manufacturers and an extended technical platform to facilitate PACS integrations.

## Flat Panel Displays



Del Medical Systems Group offers full-field, portable DR Gemini flat panels, a cost-effective

upgrade option that allows providers to take the next step in digital radiography while maintaining their current equipment. Customers can upgrade or retrofit their digital imaging systems. Lightweight and portable, Gemini flat panels facilitate multiple applications while ensuring patient comfort and safety. Sharp, clear images appear on the screen in seconds. The 1000, 1400 and 1700 models are DICOM compatible.

## Image Streaming



The VoXcell system by KJAYA Medical enables physicians to stream 2D axial slices and 3D reconstructions to basic desktop and mobile computers via cable, DSL or cellular broadband Internet connections, delivering on-demand diagnostics.

## Enterprise Solution



Vital Images' ViTAL Enterprise solution provides customers with unlimited access to Vital Images' complete advanced visualization line, including best-of-breed clinical solu-

tions and comprehensive services including education, consulting and maintenance. Built on Vital Images' philosophy of fostering relationships, the ViTAL Enterprise Solution offers a straight-forward approach to complex clinical information with elite clinical interrogation tools, ongoing education and proactive customer service.

## RIS/PACS Upgrade



NovaRad's NovaRIS/PACS 7.1 version offers enhanced features including rapid


scroll speeds, series hanging protocols, rapid viewing of huge datasets, new transcription module, floor/ER/OP scheduler and preliminary playback of reports by referring physicians. Additional enhancements include customizable series display settings, comparative study display and new functionality for technologists to perform quality control studies before making them available to radiologists.

## Ferromagnetic Object Screening System



The Metrasens Ferroguard® Beacon system provides effective ferromagnetic protection for patients, equipment and personnel. Ferroguard is designed to be simple to

operate and intuitive to use. The Beacon display provides continuous feedback of the local ferromagnetic environment, giving advance warning of the presence of dangerous ferromagnetic objects. Available as a highly flexible freestanding system or an unobtrusive wall-mounted unit, Ferroguard can be deployed at the optimum position within your MR imaging facility.



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Monday, December 1st, 2008 at 6:30pm

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ONE

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