

TECHNICAL EXHIBIT HOURS
 Sunday - Wednesday 10:00 a.m. - 5:00 p.m.
 Thursday 10:00 a.m. - 2:00 p.m.



New Products & Services

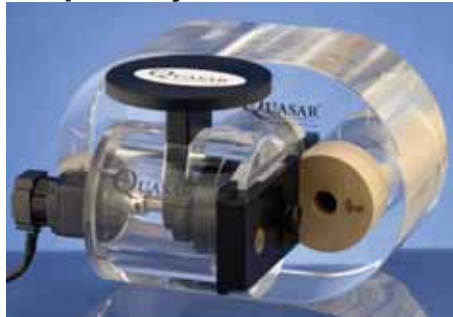
The following new products and services are offered in the technical exhibit areas. Consult the Meeting Guide for the booth number and location of each company.

MR Injector



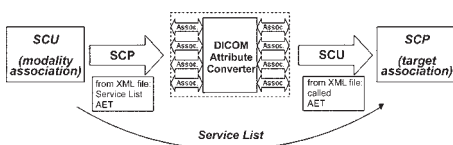
While EZEM's EMPOWER_{MR} preserves the same as its EMPOWER_{CT} injector, EMPOWER_{MR} is the first MR injector to deploy hydraulic contrast delivery technology. Consequently, true flow rate and pressure performance can be continuously achieved, resulting in optimal image quality. EMPOWER_{MR} is the only injector that is MR-compatible up to 7 stes environments.

Respiratory Motion Phantom



The QUASAR[™] Respiratory Motion Phantom features a moving cylindrical insert in a body-shaped phantom. True sinusoidal motion occurs in the superior-inferior direction, with variable speed and amplitude. Imaging, PET/CT and film inserts are available for different applications. Motion is linked to a moving platform designed to carry a respiratory tracking device. The phantom is designed to work with different therapy delivery systems and is compatible with kV and megavoltage CT imagers.

Overcome Problems in DICOM Networks



Softgate Information Technology Services offers new software to overcome communications problems in DICOM networks. The DICOM Attribute Converter operates bi-directionally and is located between two DICOM devices. DICOM messages are received, examined, modified and sent to the original receiver. Rules for the required modifications are described in XML files and cover message filtering and modification, numeric and string operations, comparison and conditional actions, auto message response and more.

Enhanced 3D Visualization

Mercury Computer Systems introduces the enhanced 3D capabilities of its innovative Visage[™] CS Thin Client/Server solution including a cardiac analysis option with quantitative and visual analysis of cardiac dynamics using 4D multislice CT data to assess functional parameters as well as coronary artery analysis. Additionally, Visage CS features improved bone removal and vessel visualization tools that greatly improve the performance and simplicity of the radiologic 3D workflow.

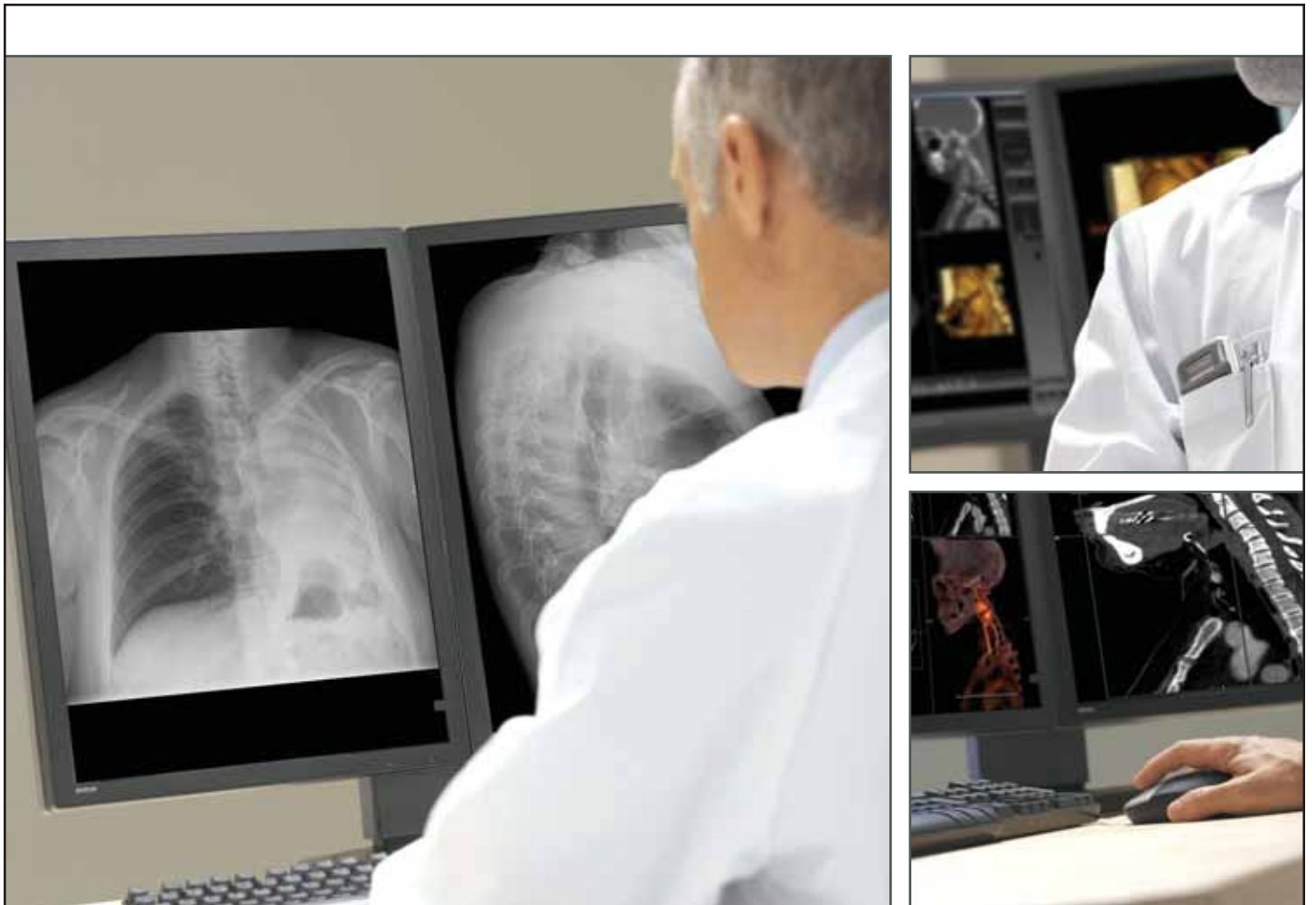
Breast Intervention Products



Inrad, Inc. announces the release of two new clip shapes within the UltraCLIP[®]

family of tissue markers. The coil and wing versions of the clip allow practitioners to place and identify additional clips within the same breast. The UltraCLIP family of tissue markers has multiple lengths (10, 12 and 15 cm), MR imaging compatibility and allows the practitioner to select the version that shows the preferred amount of artifact.

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.



CORONIS Diagnostic precision

Patients depend on your expertise to make life-critical decisions. That's why you look for imaging technology you can trust to provide the perfection you need.

The new CORONIS display system delivers perfect diagnostic precision. Combining proven technology with cutting edge enhancements and progressive ergonomics, the new CORONIS redefines diagnostic precision in both grayscale and color.

CORONIS comes with the unique MEDICAL QAWEB online service that guarantees maximum use of your PACS display systems by providing automated calibration, remote Quality Assurance and tailor-made hardware services.

Discover CORONIS, along with many other leading edge imaging solutions, in **Hall A - booth 4729**.



A close-up photograph of a person's hand holding a brown football on a green field. The background shows a blurred landscape with hills under a blue sky. The football has the number '10' visible on it.

Giving You *the* **Power** *to* **Perform**

With more speed and fewer obstacles, you can optimize performance.

McKesson's **Horizon Medical Imaging**™ PACS enhances productivity with proven workflow capabilities that accelerate reporting and simplify department administration. Our innovative technology and best-of-breed, advanced visualization tools give you the **power to perform**, and make better, safer decisions about patient care.

McKesson's depth of proven healthcare IT experience gives you the **power to lead** with a solution that delivers images and information

faster to any department for improved performance, quicker diagnoses and better connections to referring physicians and other caregivers.

Learn more about Horizon Medical Imaging and McKesson's complete image-enabled care strategy at RSNA, booth #2556. For more information visit us at www.mckesson.com/medicalimaging or call (800) 981-8601.

MCKESSON
Empowering Healthcare

2D and 3D Ultrasound System



Medison Amerca, Inc. is proud to offer the SonoAce X4, a black and white ultrasound system featuring full-spectrum imaging, synthetic aperture, tissue harmonic imaging, a high dynamic range of 150 dB, free-hand 3D and 3D multiplanar imaging, quick scan times, post gain control

and high-resolution zoom. Other benefits include a silent fan, intelligent grouping keys and four probe holders. Data-management features include a CD R/W drive, DICOM compatibility, four USB ports and Flash memory.

Wireless Network for MR Patient Care Products



The Certo™ MR Wireless Network gives patient care professionals the flexibility to use MEDRAD patient care products anywhere within range while maintaining MR imaging signal integrity. Certo promotes more efficient use of space by freeing clinicians to set up and monitor patients outside the MR suite by simplifying or eliminating transitions.

Enhanced Radiology and Clinical Imaging Solutions



Cerner Corporation's enhanced unified RIS/PACS solution includes a critical results documentation and notification solution that helps support the Joint Commission on Accreditation of Healthcare Organizations National Patient Safety Goal, as well as order review and approval tools that help optimize this traditionally paper-based process.

Online Interactive Buyer-Seller Interface

DOTmed.com is pleased to offer The Parts Hunter™ a new, easy, money-saving way to buy parts for imaging equipment. The buyer completes an online parts

request form and DOTmed instantly notifies dozens of parts sellers. Each seller posts a price quote for the part and the buyer chooses the best offer, simplifying the process for both buyers and sellers.

PACS Industry Certification



RSTI announces the newest training addition to the PACS industry, the PACS Engineer and Administrator Certification Series. Two 2-week classes carry participants through a series of rigorous tests to certify them as RSTI-PACS Masters. Upon

certification, graduates will have the complete skill set to administer or troubleshoot any PACS system in the industry.

Image Processing Software Dedicated to DICOM Images



aycan Medical System is pleased to introduce the aycan workstation OsiriX, a cost-effective certified image processing software dedicated to DICOM images for

navigation and visualization of multislice and multidimensional studies. aycan x-ray print is a cost-saving DICOM paper print solution that provides an inexpensive way to communicate with referring physicians and patients.

Web Enabled PACS

Voyager Imaging is proud to offer Voyager PACS, the fastest growing PACS in the Australian market. Voyager PACS products provide integration of radiology departments and information systems, seamlessly interfacing all users through LAN, WAN and Internet. Voyager products use industry standard hardware and software that allow scalability to enterprise wide PACS networks. Other system options include integration, DICOM modality worklist, distributed archiving and CD burning.

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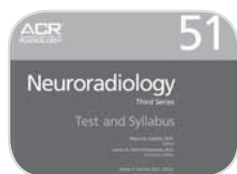
Come Share the Vision

Visit us at booth #4309, South Hall

ACR[™]
CAMPUS

Preview/Purchase New Products From the ACR Campus™

Open 24/7 at <http://campus.acr.org> with a lineup of online lectures and unique programs focused on breast and chest imaging, cardiac imaging, obstetrical ultrasound, and more.



Neuroradiology III – Just Released!

The 51st volume in our Professional Self-Evaluation Syllabi series includes 20 challenging cases, hundreds of images, and discussions by acclaimed educators and physicians.



Demos

- New MRI Teaching File – Preview selected cases on musculoskeletal, body, and cardiac MRI from the ACR's new MRI Teaching File being developed by the ACR's Resident and Fellow Section.
- e RADPEER™ – Test-drive our new quality improvement product designed to help you conduct peer review more efficiently from your desktop or PDA.



Clinical Research

Hear what's new in clinical research, including an update on the National Oncologic PET Registry and the ACRIN[®] Breast MR trial.

Career-seekers and employers: Visit the ACR's Professional Bureau, South Hall, Room S102A.



Solutions to Maximize the Value of Your MRI System



Better Images
Higher Diagnostic Quality
Improved Patient Safety

Invivo – The Pioneer in Innovative Products

Visit us at Booth #4722
www.invivocorp.com

Image Enhancement through RF Absorption



Magmedix has partnered with Millimeter Wave Technology to add state-of-the-art Accusorb MRI™ image enhancement devices to their extensive MR imaging product offerings. The RF shielding and absorbing product was developed in response to the artifact problems associated with orthopedic scanning. Accusorb products work by physically restricting the scanner's field of view, keeping unwanted areas outside the established field from wrapping around an image.

Medical Disc Publisher



A network-based CD/DVD publisher, Codonic's Virtua offloads disc recording from the modality and PACS workstations so that patients can be processed without any interruption to the workflow. Virtua prints in full color

directly onto the CD/DVD to create a custom disc, leaving no room for error with patient information. Its world-class interface is unlike any other medical device, with an intuitive touchscreen that allows novices to become experts in minutes.

Infusion Delivery in the MR Suite



Mallinckrodt, a division of Tyco Healthcare, introduces the North American distribution of the MRidium™ MRI infusion system, a safe and dependable method for infusion delivery in the MR suite. Non-magnetic and artifact free, the MRidium pump has a full line of accessories and disposables, including a wireless remote control and the "side car," a second pump channel.

Fully Integrated, Seamless 3D Visualization

Mercury Computer Systems' Visage™ MR digital imaging receiver is a high-bandwidth, analog-to-digital receiver board with four times the resolution of current-generation MR imaging receivers. Visage MR incorporates breakthrough phase stabilization technology that virtually eliminates phase

error-induced noise in MR images and MR imaging-specific noise-reducing technology that significantly improves signal-to-noise ratios in MR images.

Titanium Surgical Instruments



Newmatic Sound's titanium surgical instruments offer several features important in the MR imaging field, such as being 100 percent non-magnetic, 45 percent lighter and yet stronger than

stainless steel, hypoallergenic and autoclavable. The offering ranges from scalpels and scissors to forceps of every type.

Total Solution for All Digital Radiographic Examinations



VIDAR Systems Corporation is pleased to introduce the full-featured VIDAR® VISION™ DR System, designed to meet the needs of radiology departments for improved workflow and enhanced image processing in a film-free environment. The VIDAR VISION system provides a total solution to all digital radiographic examinations, featuring superior image quality, rapid image acquisition, improved productivity and ease of use at a price comparable to CR systems.

High-Resolution PET Device



Naviscan PET Systems Inc. introduces a new design in high-resolution PET devices, the PEM Flex™ Solo II. The Solo II has an added articulating arm, a motorized C-arm and compression capability, enabling technologists to more easily position patients for optimal views and improved chest wall access. Photonics improvements yield higher count rate sensitivity while maintaining exceptional resolution.

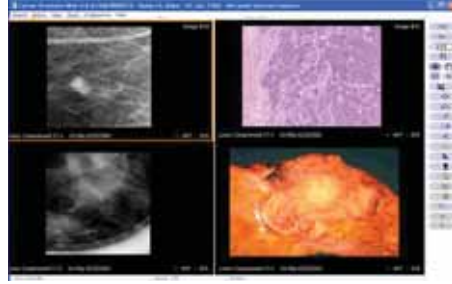
Non-Invasive kV Divider and Medical ScopeMeter Kit



Fluke Biomedical's new 35080-M199XAY Non-Invasive kV Divider and Medical ScopeMeter Kit significantly streamlines setup and analysis time, eliminating wasted time spent calculating

scope traces to derive kV values. The miniaturized Non-Invasive kV Divider is the ideal companion to the ScopeMeter for the service engineer or BMET who frequently needs to calibrate or assess kV performance with minimum setup time.

Integrating Medical Images with Patient Data



Cerner Corporation offers MultiMedia Foundation™ (MMF), which integrates digital images and objects within an electronic medical record (EMR), compiling a comprehensive patient record. With recent innovation, DICOM ECG objects now can be acquired and sent directly to the care provider team within seconds. MMF provides the storage and management of these

objects, as well as radiology and cardiology images, documents, photographs and video images.

Endorectal Coil for Prostate MR Imaging



The MEDRAD 3.0 T Prostate eCoil™ gets closer than other imaging options by conforming to the size and shape of the prostate. The resulting images are extremely

accurate and enable physicians to localize radiation therapy and to stage and diagnose cancer. The eCoil, the first prostate endorectal MR coil available at 3 Tesla, is sold by MEDRAD and GE Healthcare for GE Signa HDx 3.0 T MR scanners.

Software Development Kit Enhances Medical Imaging

Pegasus Imaging introduces its JPEG 2000 Transcoder for PICTools™ MedX, a low-level C library enabling developers to build applications that convert JPEG 2000 images from one layout to another. Because the Transcoder does not decode and then re-encode images, no generational loss is introduced. Application developers may repurpose their source JPEG 2000 compressed data by repackaging the codestream for optimal communications and image viewing.

Radiological Skin Markers



Beekley is proud to introduce MR-SPOTS® 0.75 cm Packets with Radiance®, the skin marker for imaging extremities and for use with breast MR imaging. The smaller length enables the marker to image only the slices specific to that area of interest. Specifically engineered for use in MR imaging, MR-SPOTS® Packets' flat design delivers optimum patient comfort and a distinct, unmistakable image on every sequence. MR-SPOTS® Packets disposable skin markers are professional, convenient and easy to use.

Revolutionary Breast MR Imaging Technology



Aurora Imaging Technology, Inc. introduces SpiralRODEO™, part of their Aurora® 1.5 T Dedicated Breast MRI System. With SpiralRODEO's improved acquisition efficiency, resolution is dramatically increased along with a significant decrease in scan time for better dynamics. The result is images far superior in clarity and contrast than ever before possible, offering signal improvement comparable with that of 4.5 Tesla with significantly less cost.

Referring Physician's Portal

Intelrad is pleased to offer the Referring Physician's Portal for IntePACS, a streamlined method for referring physicians to access images and reports. Its features include a login page for referring physicians and the capacity to send referring physicians e-mails containing a link to the patient's completed study. It also contains features for PACS administrators, including tools to manage access permissions.

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- Increased Efficiencies...** capture and document video files
- Improved Workflow...** cross-compatible video formats

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Multimedia Dry Long Film Imager



Codonics is pleased to offer the industry's only dry, long film printer, Horizon XL, which prints digitally stitched images from CR/DR applications on one continuous film. Available

in two sizes, the film is daylight safe, easy to handle and folds to fit in a standard film jacket. Long film is perfect for scoliosis, long bone studies and pediatric and adult spines with "true-size" imaging up to 51" in length.

MR Imaging Compatible Patient Monitor

MIPM has developed a new version of its Tesla Guard MR imaging patient monitor. The new version comprises all features required by anesthesiologists. On top of the standard ECG, SPO₂, IBP and NBP parameters, customers can add anesthetic agent analysis and WIFI data transfer.

High-Field Dedicated Musculoskeletal Magnet



ONI Medical Systems' high-field, dedicated extremity MR imaging system developed specifically for the musculoskeletal specialist now features v-SPEC Technology, a performance enhanced package designed to produce extreme quality images. v-SPEC is a unique combination of spectrometer control software, six removable coils and a robust set of musculoskeletal scan sequences including three types of fat suppression, fast spin echo, driven equilibrium and 2D and 3D gradient echo.

Computerized System for Collecting Breast Imaging Information

English Español Page 2 of 9

Have you ever been diagnosed with breast cancer? Yes No

How old were you when you had breast cancer?

Have any of your close blood relatives had breast cancer?

Mother	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Sister	<input type="checkbox"/> No	<input type="checkbox"/> 1 <input type="checkbox"/> More
Daughter	<input type="checkbox"/> No	<input type="checkbox"/> 1 <input type="checkbox"/> More

If "Yes", were any of these relatives diagnosed before age 50?

Mother	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Sister	<input type="checkbox"/> No	<input type="checkbox"/> 1 <input type="checkbox"/> More
Daughter	<input type="checkbox"/> No	<input type="checkbox"/> 1 <input type="checkbox"/> More

Mammography Reporting System Inc. introduces its Interactive Patient History Collection System. After the patient enters her history into a tablet/kiosk PC, it is then

downloaded into the system and is available for viewing and verification by the technologist. Patient's history then becomes available to the radiologist when reporting the procedure.

MR Imaging Patient Monitoring System



Invivo introduces the Precess™ MRI Patient Monitoring System featuring wireless ECG and SpO₂, which increase patient safety and throughput. The Precess system also utilizes wireless technology between the patient interface unit and MR imaging compatible color displays for added flexibility. The large display and user-friendly

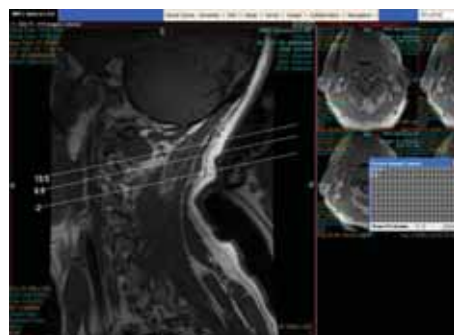
interface enables clinicians to safely and accurately monitor adult, pediatric and neonatal vital signs during all MR imaging procedures.

CT Injector System



MEDRAD's new SmartFlow technology for its Stellant® D CT injection system is designed to improve timing for cardiac CT imaging. SmartFlow automatically suggests injection protocols by factoring in patient-specific parameters, a time-consuming process if done manually. SmartFlow is the latest upgrade to the Stellant system, which celebrated its 5,000th worldwide installation earlier this year.

Scaleable PACS Solutions



Novarad is proud to introduce Nova-PACS 6.5, with additional administration console tool features that enable better sorting, reporting and information gathering and viewing. For the referring physician, the Referring Physician Specialist Viewer provides the complete set of tools on the PACS workstations. In addition, stat reads and the ability for the PACS to support multiple site codes are also enhanced.

Extensive Resource on Optics and Photonics

The International Society for Optical Engineering (SPIE) Digital Library keeps pace with the expanding role of light as the most extensive and dynamic resource available for biomedical technology research. Subscribers currently enjoy access to more than 28,000 papers in biomedicine alone, with more content added every month. The SPIE Digital Library also hosts the acclaimed *Journal of Biomedical Optics*, edited by Dr. Bruce J. Tromberg.

Anatomically Correct Vascular Models



Shelley Medical Imaging Technologies introduces a new anatomically correct flexible right carotid bifurcation stenosis and anterior circulation model that connects to its product line of aortic arch and abdominal models. The new models are ideal for simulating human anatomy for quantitative flow studies, testing and validating

endovascular devices, simulating endovascular procedures at conferences, pre-surgery training, demonstrating new products to clinicians and training physicians.

Ergonomic PACS Station



Biomorph introduces the Flexo Level3 PACS station featuring adjustable ergonomics at the touch of a button. The Flexo Level3 features a revolutionary, triple-level telescopic frame available

with standard fast crank adjustment or optional whisper-quiet electric motors with built-in programming. Biomorph offers free space planning services to help facilities maximize the layout of their reading rooms.

High-Intensity Illuminator



Wisconsin Radiological Services introduces the Io Illuminator, a high-intensity illuminator utilizing LED technology to stay bright and never require bulb replacement. The Io Illuminator provides enough luminance to read extremely dense films, overexposures and superimposed mammography films, yet doesn't get hot enough to damage film.

Digital Specimen Radiography System



Bioptics is pleased to offer its portable piXarray100 Digital Specimen Radiography system with true 14-bit contrast and 50 micron pixel resolution. The piXarray100 system provides instant x-ray imaging capability in the operating room, with built-in PACS interface with radiology and pathology

departments for rapid margin verification in excised specimens. This FDA-cleared unit can also be used to image core biopsy tissue samples during stereotactic breast biopsy and for imaging frozen pathology tissue samples.

Integrated Digital Medical Imaging and Data Management Solutions

Compressus introduces its MEDxConnect suite of Enterprise Integration software that supports the need for fast, effective and affordable solutions providing seamless connectivity and interoperability. Key components include the Medical Message Mediator, which provides interoperability between diagnostic acquisition devices and related information systems. The Virtual Worklist allows users to retrieve, store, manage and route diagnostic images generated from multiple PACS or network systems. The Systems Management Dashboard monitors enterprise systems, identifying workflow inefficiencies.

Robotic Massage Chair



Interactive Health's new Ultimate Human Touch Robotic Massage Chair, the HT™-1650, uses the world's most advanced tech-

nology. The HT-1650 allows the user to choose from eight unique massage programs, including nighttime soothing, leg/foot/hip therapy and neck/shoulders relief, among others. The soothing heat feature helps loosen muscles and prepares the user for a deep penetrating massage that melts away knots and tension.

Software for Image Acquisition from Different Modalities

PROTEC® is proud to offer the CONAXX Acquisition System, new software for image acquisition from different modalities. CONAXX software is designed for operating the PROSCAN 35 CR-System with integrated eraser, as well as for making digital image acquisition easy with any CR- or DR-System. With a user-friendly touchscreen, the software guides users through the complete workflow. The DICOM image is automatically transferred to PROTEC'S PROMIS medical imaging software or any other PACS.



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at what you see...***

You'll see amazing new MEDRAD products

AND

**You'll receive our complimentary CD "Adding
Cardiovascular MR to Your Clinical Practice"**

MEDRAD is enhancing performance for Angio, CT, and MR in cardiovascular procedures, bringing you a range of products that enable:

- advanced visualization
- enhanced options for patient safety
- sound clinical outcomes
- optimized throughput and efficiency
- unsurpassed service and support
- MEDRAD's tradition of reliability, trust, and innovation

Visit MEDRAD's booth #8526 to see the latest advancements in CT and MR Injection Systems, MR Patient Care products, the newly released 3.0T Prostate eCoil, and more.

Booth #8526 North



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AS "RELIABLE" AS
THE COMPETITION'S



But then you would never know what to expect next. The SonoSite® MicroMaxx® ultrasound system isn't built for surprises, it's built to work. Unlike other "compact" ultrasound systems that tend to be unstable and have slower frame rates, the MicroMaxx was created with an embedded operating system for reliability and faster start-up speed. Given the MicroMaxx's free five-year warranty, it's no wonder 97% of SonoSite customers would recommend our products. Imagine if every ultrasound system were this dependable.

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