



RSNA 2008
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.

RIS/PACS Upgrades



New applications for Carestream Health's work-in-progress RIS/PACS platform include advanced applications and support for the PIX standard. The platform includes native support for PET/CT fusion with PET standard uptake value, PET/CT synchronized views and volume matching of current and prior cases and real-time matching of volumetric data from CT, MR and PET/CT cases along with synchronized views and image manipulations.

Versatile Digital Radiography



Quantum Medical Imaging introduces the Q-Rad "DIGITAL" generation of radiography systems, ideal for use within the busy radiology departments of

hospitals, orthopedic facilities and urgent care clinics. Fixed detectors, portable wired and/or wireless detectors offer the highest image quality at the lowest possible cost and lowest patient dose.

High-resolution Grayscale Display



Totoku/U.S. Electronics introduces the MS21i2 grayscale medical display with 21.3 inch 6-mega pixel independent sub pixel drive. MS21i2 has up to 1,276 shades of gray, λ-Sentinel II backlight luminance control and a special anti-reflective coating offering accurate image reproduction and reduced reflection. By driving each of the sub pixel values corresponding to the detailed information captured in the original recorded image, MS21i2 multiplies resolution three times. MS21i2 is ideal for CT, MR, CR and X-Ray.

hospitals, orthopedic facilities and urgent care clinics. Fixed detectors, portable wired and/or wireless detectors offer the highest image quality at the lowest possible cost and lowest patient dose.

Relevant Prior Exam Locator

The mPlexus DICOM eXtender Relevant Prior Engine (RPE) gathers prior exams from multiple DICOM archives/devices and delivers them to single or multiple archives for reading. The RPE uses five key steps in delivering relevant priors for each specific exam: It acknowledges that an exam has been scheduled or completed; identifies the patient having the exam; finds all studies done for the specific patient; selects relevant studies; and delivers relevant studies to final destination(s).

Imaging System Housing



Innovative Medical Solutions offers a pre-engineered structure designed to house mobile or fixed diagnostic imaging systems including MR, CT and PET/CT. The IMS design combines the cost savings of modu-

lar structures with the design flexibility of traditional construction. The IMS design uses a panelized process that significantly reduces construction time and costs. The 2,300 square foot building includes support space for the patient and staff and can be constructed to house multiple modalities.

DICOM Routing Software

The Compass™ application from Laurel Bridge Software reliably directs and manages DICOM store tasks. Compass provides routing, replication, monitoring and alteration of

DICOM store jobs, utilizing powerful rules and filters and a simple interface. It can route store jobs based on DICOM tags—institution name, modality, etc.—or even time of day. Compass can schedule or delay delivery of data to target destinations, accommodating bandwidth limitations and routine downtime. Filtering technology can enable interconnection of otherwise incompatible devices.

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 5MP Mammo The standard of care

For thousands of women every day, details make all the difference. This understanding, along with many years of commitment to improving digital mammography imaging, has led to the creation of the Coronis 5MP Mammo display system.

The innovative Coronis 5MP Mammo provides unequalled image accuracy and pioneering technology to overcome typical LCD limitations like image noise. It allows you to read digital mammograms faster and with more confidence.

Every day, women put their trust in you. When it comes to women's health, put your trust in Coronis 5MP Mammo - the standard of care for digital mammography.

Find out more at
RSNA
Booth #6210, Hall A

or visit www.barcomedical.com





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."

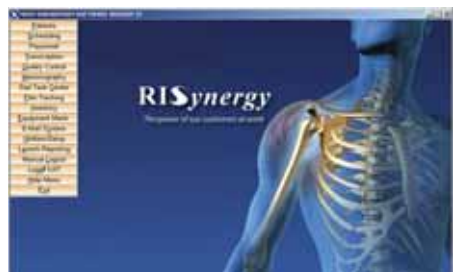
Learn more at RSNA. Visit McKesson booth #8328 to hear more about the Southeast Alabama story and how McKesson can connect your radiologists and care team to better, safer care.

www.mckesson.com/rsna08

MCKESSON

Empowering Healthcare

RIS Software



Swearingen Software introduces RISynergy Version 5.2 with all standard RIS modules plus additional modules including Web Schedule Requestor to allow physicians to request exams over the Internet, Web Results Viewer, Automated Appointment Reminder to auto-call patients, Addendums and Tracking Critical Values.

X-Ray System Improvements



The introduction of the Statscan® Mk VE1 electrically operated imaging trolley/gurney improves Lodox®'s Statscan® Critical Imaging System for digital trauma radiography with increased maneuverability. Mk VE1 is lighter and requires about 18 ft. less installation space. This, in addition to the system's low radiation footprint, makes it even easier to install right where the action is. A new automatic technique factor control feature increases the ability to diagnose whole lateral spine images.

Customized Dose X-ray System



The Innova® X-ray imaging systems from GE Healthcare now offer dose-enhancing features including customized dose. Innova dose enables you to customize dose by procedure, patient and physician.

Exclusive advanced technologies and features enable outstanding image quality at the lowest reasonably achievable dose.

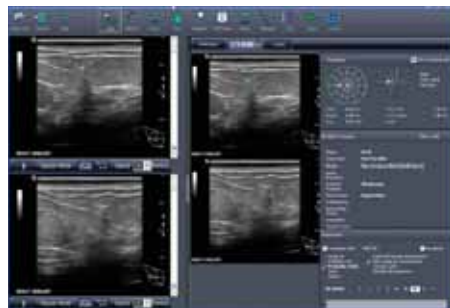
Patient Care Coordination Software



EXOGEN Healthcare introduces its Blue Ocean™ software, which aggregates information from disparate information systems, performs complex event correlation and delivers real-time, actionable information at the point of need. A clinician can treat a stroke patient within minutes of presentation, an interventional

radiologist may have instantaneous knowledge on his patient's status, lab results and equipment, and an administrator can fully view his staffing needs to cover upcoming schedules.

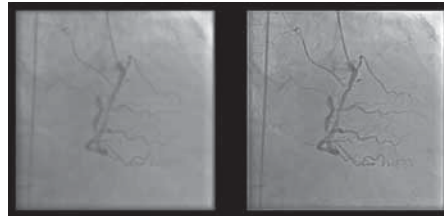
Breast Ultrasound Software



Medipattern's B-CAD® solution based on the company's Cadenza™ Technology Suite helps digitally characterize, evaluate

and document breast ultrasound images. B-CAD turns the tedious manual notes that accompany every set of breast images into a structured digital report, making practices more efficient and productive.

Image Enhancement and Dose Reduction for Interventional Radiology



ContextVision's GOPView® iRVPlus enables superior real-time image quality

and dose reduction of up to one-third the normal dose. GOPView iRVPlus suppresses noise and sharpens diagnostically significant structures, including vessel walls, catheter tips and stent edges. GOPView iRVPlus is detector, generator and user interface independent, and easily integrates into modern software-based systems. With an optimized GPU board, it is capable of 1k x 1k x 2 bytes and can process images up to 1024 x 1024 pixels.

TECHNICAL EXHIBITION HOURS

Hall A (South Building), Hall B (North Building), Hall D (Lakeside Center)

Sunday, Nov. 30 – Wednesday, Dec. 3

10:00 a.m. to 5:00 p.m.

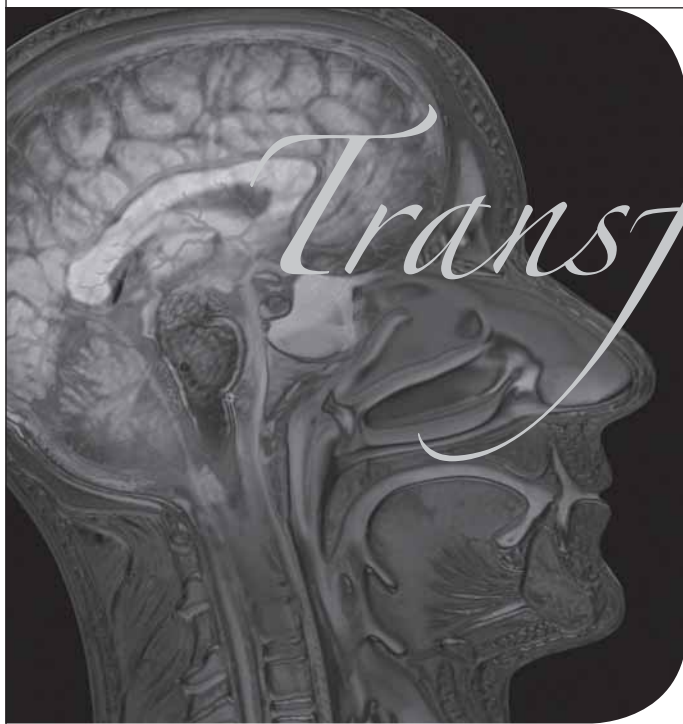
Thursday, Dec. 4

10:00 a.m. to 2:00 p.m.

ACR
AMERICAN COLLEGE OF
RADIOLOGY

Come See How the ACR Is

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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.

PACS Workstation Alternative



The eVPX Diagnostic Workstation Viewer by NCD Medical is standalone diagnostic software with much of the same functionality as a full-featured PACS viewer. eVPX provides worklist, hanging protocols, zoom, panning, magnifying glass, light box, measure, draw, shutter, invert, contrast, brightness and more. The eVPX provides for a 50 GB mini PACS archive and CD mastering, is upgradeable to the Rogan-Delft VPX 3.x PACS Viewer and can be used in conjunction with NCD's eWIX PACS service.

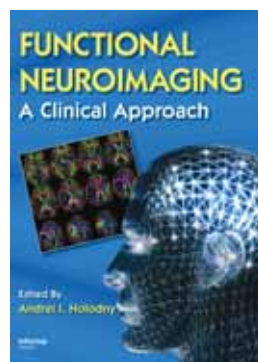
Radiology Malpractice Issues Textbook



The American Roentgen Ray Society is taking advance orders for the third edition of *Malpractice Issues in Radiology* by Leonard Berlin, M.D. The book reads like an encyclopedia and

has been greatly expanded to include two indexes, one for standard words and phrases and one for cited legal cases. *Malpractice Issues in Radiology* covers a variety of topics related to liability exposure including the role of the expert witness, practice standards and guidelines and radiation injuries.

Functional Neuroimaging Textbook



Quality illustrations and information on the latest clinical applications and utilization of functional neuroradiology make *Functional Neuroimaging* a must-have for clinicians involved in early

diagnosis, neurological decision-making and response assessment of cancer therapy. Published by Informa and edited by the founding president of the American Society of Functional Neuroradiology, this book illustrates the incorporation of neuroimaging into practice using images that depict brain function and mechanisms.

DICOM Recording/Distribution



PACScomm™ ULTRA is a full DICOM image recording and distribution system that can receive or push DICOM images from an unlimited number of networked

modalities. It can incorporate CD/DVD or Blu-Ray disks for easy image distribution.

The added storage of PACScomm ULTRA makes archiving faster, convenient and cost effective.

Web-based Productivity Analysis

RCG Healthcare Consulting introduces Illumarad: Physician Productivity, a new Web tool for measuring, analyzing and managing physician productivity. The tool analyzes productivity measures, ranks performance versus internal and external benchmarks and predicts appropriate radiologist staffing levels. It utilizes Resource Based Relative Value Scale methodology, national benchmarking data and a proprietary database of detailed physician, modality and practice productivity metrics.

Economical DICOM Viewer/Processor



Visualize™ by FiatLux Imaging harnesses the power of video game technology for advanced image processing and visualization. It enables 3D and advanced 2D visualizations of CT and MR DICOM images on commodity-priced PCs, laptops and tablet computers. Visualize offers an affordable and flexible alternative to traditional dedicated processing workstations. It supports a range of advanced image processing protocols and delivers comparable performance to high-priced dedicated 3D workstations.

RIS/PACS Enhancements

Aspyra's AccessRAD RIS/PACS is designed for acute care hospitals, enterprise-wide delivery networks and medium-to-large imaging centers. AccessRAD RIS/PACS release 6.4 includes a department management dashboard, outpatient appointment confirmation and pre-authorization verification worklists. Release 6.4 also includes order creation initiated by the PACS when incoming studies are received from outside referrals. These orders are automatically processed by the RIS, optimizing workflow and preventing lost charges due to missing or incorrect orders.

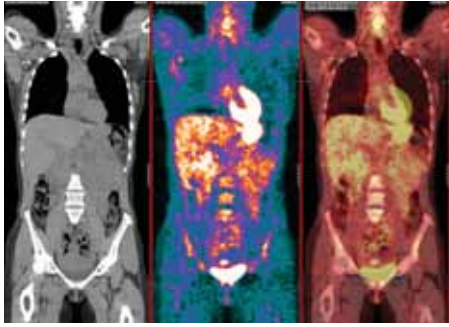
Breast Biopsy Markers



Ethicon Endo-Surgery announces design improvements to the Mammotome® MammoMARK™ breast biopsy site identifiers. The new bowtie-shaped titanium clip marker is embedded in a single, self-expanding collagen plug that

expands up to three times its compressed size, yet it remains centrally located in the biopsy site after the collagen resorbs. MammoMARK markers eliminate the need for pull back before deployment, reduce deployment force by 50 percent and are compatible with multiple biopsy devices.

PACS Viewer for Nuclear Medicine/PET



MedImage's MedView™ PACS Plug-in v11.7 provides nuclear medicine/PET/CT display and analysis on a PACS workstation. MedView can increase the speed of reading nuclear medicine and PET reports with fused PET/CT, DICOM export and standardized uptake value support for all manufacturers, as well as linked cursors. The MedView Plug-in can eliminate the need for an independent reading station. Volume Registration provides quick and accurate alignment of volumes from multiple modalities.

Radiation Therapy DICOM Platform



EXAM-RT™ Archive by CoActiv is a digital viewing, archiving and retrieval platform for a full range of radiation therapy (RT)-related information. Supporting all seven DICOM-RT extensions, the application saves CT images, cone beam images, CMS radiation therapy plans and DICOM-RT data to a single integrated patient file for streamlined access and management.

Workload Distribution

The PACS Harmony sorting algorithm automatically distributes cases to individual PACS users to balance the daily workload. The equal work distribution will maximize profits and improve the PACS experience. Radiologists have increased satisfaction with the equal distribution and assigning of work. The assigning allows the doctor to work at his or her own pace throughout the day.

CT Whole Body Phantom



The PBU-60 by Kyotokagaku is a life-sized phantom for CT that shows realistic images under plain X-ray with no metal parts or liquid structures. The main joints have close-to-human articulation, allowing various positions including arm-abducted position. The phantom incorporates synthetic bones and organs—brain with ventricles, eyeballs, arteries with contrast medium, lungs with vessels, trachea, liver, kidneys,

gallbladder, spleen, aorta, cava, ureter, urinary bladder, prostate, rectum and sigmoid colon—with appropriate attenuation.

Improved Workstation Software

An enhanced user interface for IMIX Americas' digital radiography systems offers intuitive graphical workflow from patient entry through exam planning and image analysis. The software, with integrated generator and detector control, features touchscreen operation, professional image viewer, multimedia positioning guide, HIS/RIS communication, comprehensive measurement and DICOM 3.0 worklist query. The interface allows seamless integration of a computed radiography (CR) reader and flat-panel detector, making IMIX the first digital radiography company

to feature charge-coupled device (CCD), CR and flat panel in a customized solution.

Workflow Router

Intelrad's IntelOne consolidates image and patient data from multiple PACS and RIS into a streamlined, single workflow solution. Radiologic studies can be routed from many different acquisition sites and integrated into the IntelOne master database for reading and case management alongside relevant prior studies. IntelOne enables radiologists to report from a single worklist, viewer and dictation system or voice recognition product, eliminating the need to learn and use multiple products or workstations from different vendors. Report generation and distribution is also handled within IntelOne, allowing radiologists to sign-off reports in a single system while delivering reports via fax, e-mail or HL7 communications.

Software with Added Whole-body Perfusion Features



Apollo Medical Imaging Technology announces improved workflow and new features for its MIStar software package. The new version will focus on whole-body organ perfusion applications using CT and MR, particularly for cancer detection and therapy monitoring, and will support 64-bit systems allowing efficient processing of large 4D datasets.

Full-Service Teleradiology

24 x 7 Coverage
High Quality Final Reports
Subspecialty, Nighttime/ED Expertise

Franklin & Seidelmann Subspecialty Radiology (F&S), the largest final report teleradiology provider, gives you access to a large, experienced team of radiologists that includes nationally recognized subspecialty experts and academic leaders.

Our unique blend of high quality reports, collaborative consultations and fast report turnaround enables our clients to increase physician satisfaction, referrals, revenue and productivity; eliminate over reads; and recoup nighttime coverage costs.

Rely on Franklin & Seidelmann to be your single teleradiology partner for subspecialty, nighttime/ED, overflow, and vacation coverage.

Experience in Millions of Interpretations

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- *Musculoskeletal*
- *Body*
- *Nighttime/ED*
- *Cardiac CTA*
- *Breast MR*
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- *Pediatric*
- *Advanced Training in MRI, MDCT and PET/CT*

Nighttime/ED Final Reports within 30 Minutes

Visit www.fs-rad.com/radgroups to view our "Final Reports for Radiology Groups" white paper.

Visit us at RSNA booth #4276, Hall A – South.
Ask us about joining our radiology team.

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866-4FSRADS

Portable Flat Panel Detector



The Canon CXDI-60G Portable Flat Panel Detector offers true portability at 5.9 lbs and less than an inch thick. Its 9" x 11" imaging area accommodates applications including X-ray of hands,

elbows, feet and knees. Low power consumption and a detachable sensor cable provide convenient maintenance and installation. The model's detachable sensor cable enables easy room-to-room installation from multiple locations and fits right into most neonatal incubator trays.

Quantifiable Elastography



ShearWave™ Elastography by SuperSonic Imagine offers a tissue elasticity imaging mode that generates shear waves, allowing the physician independence from compressional movements inherent in conventional elastography. Shear-

Wave provides real-time assessment of true tissue elasticity that is user-skill independent and quantifiable in kilo Pascals, giving reproducible results and an added tool to diagnose breast lesions.

Small Footprint Computing Cart



The M2 Computing Cart by AFC Industries is a compact cart that transforms a large-scale monitor and CPU into a high-powered computer work-area-to-go that is perfect for mobile meetings and other applications. Sturdy, durable and easily maneuverable, the unit accommodates a monitor of

up to 42" and displays large-scale visuals and computer data, wherever needed in the healthcare environment. Designed for comfort, it features an independently adjustable monitor arm and keyboard tray.

Affordable Digital Workflow Solution



Viztek introduces Opal-MD, a turnkey digital conversion package combining Opal-RAD PACS for digital image viewing and

management with Kodak's point-of-care computed radiography at an affordable price point for private practice physicians. Opal-MD delivers a range of advanced features

and functionalities, including digital image viewing in multiple exam rooms, image auto-routing, CD burning and film printing.

Injection Protocol Data Recording



The MEDRAD Informatics Solution works behind the scenes to automatically record injection data, both programmed and actual values. MEDRAD Informatics will integrate the injection protocol data with scan information from the scanner and join them into a single DICOM image file. The MEDRAD Informatics Solution will send this image to the PACS system. From there it becomes accessible as part of the image set for that patient or study. The data is also accessed via a Web site served from the MEDRAD Informatics Solution itself for review, to develop reports, and to aggregate and analyze.

Digital Processing System


InfiMed's 4th generation medical imaging system, the i4 DR™, is designed to deliver superior image quality from the start. The i4 DR debuts the new state-of-the-art InfiVision™ image processing technology,

making it easier to get the image on the first shot. Fine tuning of images is accomplished through the use of automatic image processing settings for bone, soft tissue and organs. The system also includes the capability to interface to multiple digital radiography and portable flat panel detectors, as well as provide a fully integrated generator console with Apache Portable Runtime (APR) support.

Compact Medical Disc Publishers



Virtua® ECO medical disc publishers by Codonics offer easy image distribution for any modality, automatically recording and labeling patient studies. Virtua C and Virtua E feature an advanced processor for receiving and managing studies, a robotic disc recorder and printer and a user-friendly Web interface. Virtua E includes a tabletop touch screen and both systems can be accessed remotely via a Web browser. The built-in printer produces full-color disc labels that include patient demographics and the facility's address and logo. Customers can create custom labels or use the Codonics disc label design service. Virtua meets industry standards including DICOM part 10, Integrating the Healthcare Enterprise Portable Data for Imaging (IHE® PDI) and HIPAA.

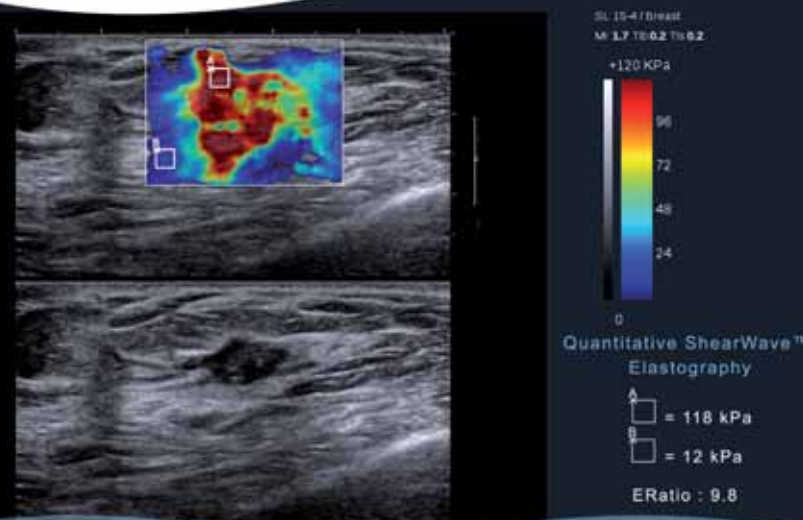


North Building
Hall B
Stand 7557

**TODAY:
SYMPOSIUM**

SHEARWAVE™ ELASTOGRAPHY


6:30 pm Welcome
6:45 pm Scientific Session
Introduction to Ultrasound Elastography
Jacques Souquet
Preliminary Experience with ShearWave™ Elastography in Breast Imaging
Ellen Mendelson, A. Thomas Stavros, David Cosgrove
Questions and Answers
8:30 pm Buffet Cocktail Dinner



SL 15-4 / Breast
M 1.7 T0.0.2 T0.6.2
+120 KPa
96
72
48
24
0
Quantitative ShearWave™
Elastography
A = 118 kPa
B = 12 kPa
ERatio : 9.8

Pending FDA approval


Real-Time ShearWave™ Elastography provides user-skill independent, quantifiable and reproducible results




DOME Displays by NDSsi

Dome, a leading brand of displays for PACS imaging, is now part of NDSsi.
Combined product offerings by Dome and NDSsi will deliver **Medical Visualization** solutions for improved clinical outcomes.

View our latest innovations at **RSNA, Booth #4029** (Hall A) and **Booth #8944** (Hall B)



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The perfect place is right where you are.

ONE

Location. Anywhere.

Introducing the next generation CARESTREAM RIS/PACS. Simplify daily reading and streamline workflow from scheduling to results distribution with one personal desktop. SHARE information by connecting all imaging systems to a single patient-centric data repository. COLLABORATE with other clinicians using a global tailored worklist. REPORT cases quickly, anywhere, anytime with native advanced clinical applications. **ONE Chair. ONE Workstation. ONE Solution.**

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Advancing insight

Leading imaging solutions with trust and innovation.

Join Covidien Imaging Solutions at RSNA 2008 to see how we're pioneering innovation. Incorporating RFID technology in the Optivantage™ DH contrast delivery system and Ultraject™ prefilled syringes are just two examples of the advances that have defined our history and set the course for future achievements. We are your comprehensive imaging partner—providing the solutions and knowledge to help physicians make accurate diagnoses to aid in better patient outcomes.

www.covidien.com

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