

CONTINUED FROM PAGE 3B

for imaging across the enterprise and beyond allows radiologists to focus on the clinical impact that medical imaging has on the management of patient health. UCA is showing a growing library of machine vision analytics as an Imaging Insights tool that integrates results of automated measurement tools into PACS workflow as well other workflow scenarios where coding is impacting shared revenue models. Prepare clinicians to leverage the volumes of clinical data that are part of your enterprise by stopping by NTT DATA's booth and discussing how to monetize data and improve patients' health.

INTERVENTIONAL RADIOLOGY

Biodex Medical Systems, Inc.
BOOTH 7010

Surgical C-Arm Tables



Biodex introduces their new line of Surgical C-Arm Tables. This includes the 840 Table, designed for image-guided fluoroscopic procedures where stability, access and precise, quiet, vibration-free positioning are essential. Choose from rectangular or contoured tabletop design. The rectangular top offers additional space to allow for superior image quality for long-leg runoff studies. The contoured top provides ample workspace for anesthesiologists, yet the narrowness required for cervical procedures. Choose the top that best suits your needs to achieve optimum image resolution.

The 840 Table is ideal for cardiovascular procedures. New features include an extra-large radiolucent area (75"), extensive head-to-toe tabletop motion (35") and isocentric lateral roll that maintains image center during tabletop movement, minimizing image distortion. Functional design provides complete access with reduced radiation exposure to clinicians. The ergonomic mushroom-shaped control optimizes command of the SmoothGlide™ free-float tabletop. Table base is encased in stainless steel making it easy to clean.

Endocare, Inc.
BOOTH 2003

Cryoablation Tools



Endocare, Inc. continues to expand its offering of cryoablation tools with the introduction of its V-Probe® Variable Ice Cryoprobe in a right angle configuration. In addition, a right angle cryoprobe with a 7cm shaft is now available. These new devices allow the interventional radiologist to access areas and control the cryoablation zone in ways that couldn't be done before.

MRI

Aegys LLC
BOOTH 7901

MRI Room Warning Signage Technology

Aegys is pleased to introduce the latest in MRI room warning signage technology with the TechGate Trio. This latest innovation provides a significantly reduced footprint with complete coverage across even the



widest doorways or access control points. Each barrier arm is activated by the same RF transmitter and can be configured with equal or unique lengths. The modular "Magnet is Always On" sign can be located above or to either side of the MRI doorway. The brilliant LED edge lighting of the modular sign ensures that important warning messages are effectively seen by everyone in the suite. The TechGate Trio utilizes the same breakaway arm feature and obstruction detection functionality of our previous solutions. Multiple RF transmitters deployed strategically around the MRI suite allow for push button operation with zero impact on existing work flow.

Current Designs Inc.
BOOTH 5130

Fiber Optic Response Systems

Current Designs is a leader in fiber optic response systems for MRI, fMRI, and MEG research. With over 20 years of experience, Current Designs has been developing and manufacturing fiber optic response systems. Our equipment is used in over 1,500 sites across the world. Current Designs products are designed and produced in Philadelphia, PA.

NeoCoil and NeoSoft, LLC
BOOTH 3574

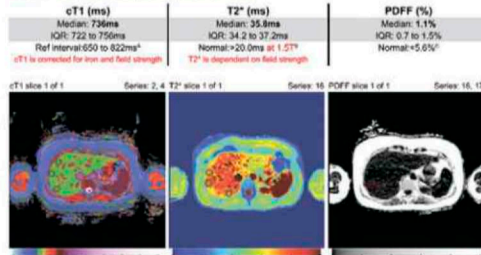
All the Sound Without All the Tubes

Using a proprietary design that eliminates the use of pneumatic tubes, NeoCoil's Sentinel™ Wireless Audio System not only provides a NRR (noise reduction rating) of 29dB, they provide clear and consistent sound quality between patient and technologist without the use of additional earplugs. You can integrate audio entertainment, the technologist's voice, and automatic voice commands to ensure your patient feels right at home. The wireless system provides tubeless technology that is easier and more efficient for technologists to set up and more comfortable than pneumatic tube systems for patients. Versions are available for all GE, Siemens and Philips magnet systems up to 3T field strength.



Perspectum Diagnostics
BOOTH 4772

LiverMultiScan



Perspectum Diagnostics was founded in partnership with the University of Oxford after a ground-breaking study demonstrated the potential of T1 mapping to predict liver fibrosis. In 2012 the decision was made to commercialise the technology branded as LiverMultiScan.

LiverMultiScan provides highly accurate and reproducible quantitative measures of the liver. It offers a safe, non-invasive alternative to traditional liver testing

methods such as biopsy and has attained CE-marking and FDA clearance to aid clinicians in the diagnosis of early liver disorders or abnormalities. Since its initial release in 2015, LiverMultiScan has been installed on four continents and has analyzed over 6,000 images.

SREE Medical Systems
BOOTH 4036

Neonatal MRI Transport Incubator

The FDA-approved MRI transport incubator allows safe intra-hospital, inter-departmental transport of the baby between any clinical department and MRI. The SREE incubator is designed for use with a high field MRI, either 1.5T or 3T. The system consists of a modular incubator, non-magnetic trolley, a battery backup power-supply box and accommodates four air/oxygen cylinders. Space to mount a transport/MRI ventilator and a transport/MRI monitor is also provided. The MRI incubator offers thermal regulation with air warming and allows skin temperature to be monitored at all times – during transport and the MRI exam. The modular incubator accommodates our MRI imaging device(s) for optimum safety and image quality.



The incubator system can handle babies up to 4.5 kg total body weight and 55 cm over-all height. This device is MR conditional.

MACHINE LEARNING/COMPUTER-AIDED DIAGNOSIS SYSTEMS

Qure.ai
BOOTH 8564

Deep Learning Algorithms



Qure.ai develops deep learning algorithms that understand and interpret x-rays, CT scans and MRIs. This frees up physician time, helps prioritize cases that need special attention, enables more accurate diagnosis, and leads to better outcomes for patients, at lower costs. Qure's flagship products are chest x-rays that detect abnormalities and highlights them on the x-ray; brain CT analysis for emergency care that detects, quantifies and points out intra- and extra-axial bleeds and skull fractures; and quantification and progression monitoring solutions for disease patterns on CT and MRI scans. Qure's algorithms have been trained with millions of radiology scans. Each product is available as a standalone API or as an end-to-end software solution integrated with current radiology workflow.

American College of Radiology
BOOTH 8547

ACR Data Science Institute

The ACR Data Science Institute (DSI) works with scientists, researchers, government, industry and others to guide and facilitate the appropriate development and implementation of artificial intelligence

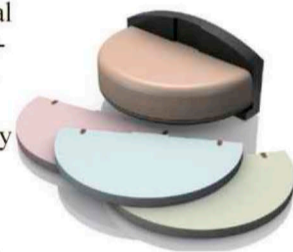
(AI) tools to help radiologists improve medical imaging care. The ACR DSI will lead creation of a national quality, technical and leadership framework to define appropriate medical imaging AI use cases, set standards for medical imaging AI interoperability, test and evaluate medical imaging AI algorithms and address regulatory, legal and ethical issues that accompany medical imaging AI. The DSI benefits from decades of ACR experience in developing DICOM standards, modality accreditation, appropriateness criteria, practice standards and radiology workflow standardization.

MAMMOGRAPHY

CIRS
BOOTH 1700

Quality Control for DBT

The CIRS Digital Breast Tomosynthesis QC Phantom is designed to address quality control for all DBT systems. The phantom consists of eight homogeneous slabs made from breast-equivalent material in a ratio of 50 percent gland and 50 percent adipose tissue. Optional swirled slabs of heterogeneous material provide a complex background for more clinically relevant measurements. Test objects permit measurement of volume coverage of missing tissues, pixel value uniformity, signal to noise ratio and signal difference to noise ratio, resolution in X, Y and Z directions, 3-D geometric accuracy, artifact assessment and target detectability (specs, masses and fibers).



Wireless Portable Digital Detector for Mammography Applications

The SOLO™ DMR provides a new lease on life for analog mammography systems. This quick, convenient upgrade solution provides the opportunity to upgrade outdated analog equipment into a modern digital system. Based on proven CMOS Technology with a pixel size of 49.5µm, the equipment is enhanced with the full power of FFDM. The cost benefit compared to purchasing new, expensive digital mammography systems is significant. Made to fit the standard 24x30 cm cassette bucky, the SOLO DMR is compatible with most mammography units. SOLO DMR comes with a tablet based acquisition station for mobility or can be used with a fixed lab technician workstation as a permanent upgrade. Now coming into the digital age, diagnose breast abnormalities quickly, precisely and efficiently using a modern doctor reading workstation.



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.

TECHNICAL EXHIBITION HOURS

South Hall A and North Hall B
Sunday – Wednesday . . . 10:00 a.m. – 5:00 p.m.
Thursday 10:00 a.m. – 2:00 p.m.