

Technical Exhibits Focus

Innovators Help Radiology Transform Healthcare Delivery

Qt Company Helps Create Connected Healthcare Ecosystems

By Michael Hart

We are surrounded today by “connected things.” While it was little more than five years ago that the internet of things (IoT) was an intriguing new concept, it is now well-entrenched in virtually every sector of the economy — including healthcare.

A fast-emerging sub-sector of the phenomenon is the internet of medical things (IoMT). According to research firm Frost & Sullivan, \$22.5 billion was spent on IoMT last year. The report anticipates its use will experience a compound annual growth of 26 percent until it reaches \$72 billion by 2021.

The opportunity in IoMT is the ability to create ecosystems that can connect disparate medical devices and clinical systems reliably and quickly. Data and information can be transmitted between devices, machines, objects and people.



Mazzella

“As the healthcare industry moves forward, we’re not siloed into working on one device in one place,” said Roger Mazzella, a senior product manager for the Qt Company. “For instance, a user interface from an MRI machine might need to be the same on a central nursing station or a mobile device. This means the people not in the MRI lab are looking at the same images and information as people situated in the lab.”

However, as with every innovation, along with the possibilities presented by the proliferation of IoMT, there are challenges.

The first of those challenges is the threat of cybersecurity.

The highly sensitive nature of health information and data is exactly why threats to cybersecurity are so serious. The implications of cyberattacks on patient safety are enormous, as well as the penalties for non-compliance with Health Insurance Portability and Accountability Act (HIPAA) requirements in the U.S. and similar requirements internationally.

The second serious challenge is the accuracy of data that is collected, stored, and shared. In its earliest manifestations, there have been questions of accuracy regarding IoT devices.

A good example would be consumer fitness trackers, wearable devices that help users gauge their fitness regimens. Studies have shown that heartbeat readings on some devices can be off by tens of beats.

That may not be a serious error in terms of the tracker’s intended use, but there can be far greater implications if the intended use of the wearable was to diagnose, treat or prescribe medication to its wearer.

“It is imperative to have accurate data when diagnosing and treating a patient. Along with medical-grade sensing technology, proper use of a medical device — including how the device interacts with a patient and how the patient needs to be positioned — helps ensure that the data

being collected has a high rate of accuracy. Intuitive and responsive user experiences help enable proper device usage, whether it is a medical professional using the device or the patient themselves,” Mazzella said.

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see know

VISIBLE OUTCOMES

When it comes to diagnosing breast cancer, time is of the essence. That’s why Barco developed the Coronis Uniti® – a fast and accurate display system for detecting the subtlest details in a patient image. And it facilitates an easier workflow, allowing you to view 3D mammography, 2D mammography, breast MRI and breast ultrasound all on the same screen in perfect grayscale and precisely calibrated color. So you can see and know more, with greater clarity and higher confidence for better patient outcomes.

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Visit Barco at South - Hall A : 1311 to discover the latest breakthroughs in diagnostic imaging

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Radiological Society
of North America

3-D PRINTING AND IMAGE PRINTING SYSTEMS

Codonics

BOOTH 4129

Image Documentation Solutions



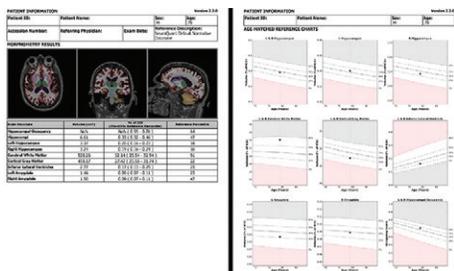
A global leader in image documentation solutions made in the USA, Codonics provides healthcare with high-quality analog to digital turn-key print solutions. Ideal for emerging markets and demanding radiology workflows, Codonics combines image quality with value priced, preconfigured bundles to make for an easy transition to digital imaging. Bundled packages help save money, increase efficiency and improve workflow. Today, Codonics has more than 30,000 product installations in hospitals and clinics in over 110 countries. A recipient of the President's E-Award, the highest honor a company can achieve for exporting excellence, our highly skilled team knows logistics.

ADVANCED VISUALIZATION

CorTechs Labs

BOOTH 3950

NeuroQuant Custom Volumetric Reports



CorTechs Labs introduces NeuroQuant Custom Volumetric reports. This newest feature is a great opportunity for radiologists to develop and create NeuroQuant reports completely tailored to their clinical assessment needs. NeuroQuant users can select up to nine different brain structures per report and choose between left, right, and total volumes and left-right asymmetry for each structure, including structures that are not provided on the standard NeuroQuant reports. Quantifiable, brain volume data is essential for physicians in the evaluation of neurodegeneration, often seen in neurological conditions such as dementia, epilepsy, multiple sclerosis, traumatic brain injury and in the assessment of brain development. The new custom report feature is perfect in obtaining NeuroQuant data that is entirely dictated based on what brain structures an individual customer requires for treatment planning and disease progression monitoring.

QView Medical

BOOTH 5166

AI for Medical Imaging in Breast Cancer Detection

QView Medical applies the latest advances of artificial intelligence to medical imaging in breast cancer detection. QView is demonstrating its QVCAD, the first of the next generation AI imaging systems to review

Automated Breast Ultrasound (ABUS) for breast cancer detection.

Breast care centers are increasingly incorporating innovative approaches to breast screening to best serve their patients, such as density assessment, additional imaging, automated breast ultrasound and MRI. But ABUS and MRI series require a review of 2,000 or more images, QView Medical's QVCAD allows efficient case review while maintaining diagnostic accuracy. QVCAD as an adjunct to ABUS has an average time less than two and half minutes. QVCAD combined with Automated Breast Ultrasound is the cost-effective solution.

BIOPSY

Cianna Medical

BOOTH 6247

SCOUT® Radar Localization

SCOUT®, an FDA-cleared non-radioactive, wire-free radar breast tumor localization system is an alternative to wire localization. With SCOUT, a reflector, the size of a grain of rice, is placed at the tumor site under mammography, stereotactic or ultrasound guidance in the days prior to a lumpectomy or surgical biopsy. The reflector's unique shape is clearly imaged under multiple modalities and has insignificant MRI bloom. SCOUT decouples radiology and surgery schedules and offers a more comfortable alternative for patients. Published data establish SCOUT as an accurate and reliable method to localize and excise breast lesions. SCOUT has been adopted at over 160 leading medical facilities across the United States and it has been used in more than 20,000 patient procedures to date. The technology has received significant recognition from medical societies and industry associations including being honored as a Gold winner at the 2017 Medical Design Excellence Awards.

COMPUTED TOMOGRAPHY

Bayer

BOOTH 2529

Radimetrics™ Contrast Dose Management Solution

Radimetrics™ Contrast Dose Management (CDM) is the seamlessly smart solution that automatically documents required contrast and saline injection information for each exam. Radimetrics enables reduced manual documentation and better data accuracy for improved billing, accelerated report turn-around time and the ability to track injection details to drive standardization across organizations. The platform and workstation allow easy recall, radiologist-preferred CT protocols and generate individually optimized CT contrast injection protocols, including weight-based dosing, with optional Certegra® P3T® software. The CDM solution for both CT and MR allows you to investigate and tie information to outcomes and set benchmarks for continuous improvement.

Hitachi Healthcare

BOOTH 2511

Hitachi Adds to Radiology Portfolio

Hitachi's Computed Tomography family introduces Supria Plus and Supria True64. Building on the success of Supria 16, Supria True64 is



a remarkably compact, economical and clinically versatile CT with 64 discrete detector and electronics processing channels providing rapid thin 64-slice imaging with full 40 mm detector coverage. It also emphasizes enhanced workflow capabilities, XR-29 Smart Dose compliance and includes an "Eco-Mode," reducing idle period power consumption up to 55 percent.

CONSULTING SERVICES

SAGE Health Management Solutions

BOOTH 1142

RadWise

Appropriate use of imaging guided by evidence-based studies and research can improve quality and reduce costs by encouraging more appropriate imaging utilization. RadWise, a CMS qualified Clinical Decision Support Mechanism (qCDSM), uses SEMPI qPLE content, which is a CMS qualified Provider Led Entity. Thus, providers can consult robust, evidence-based knowledge and receive appropriate use criteria recommendations to meet CMS regulations for claims payment.



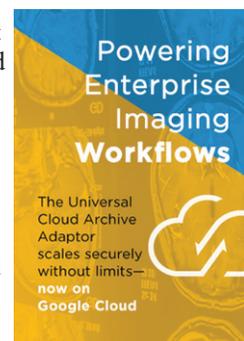
DICOM

Dicom Systems Inc.

BOOTH 7903

Cloud Enabler

Dicom Systems introduces the next generation of cloud enablers. With the new Universal Cloud Archive Adaptor, Unifier appliances can be launched in any cloud platform and stored in DICOM standard, allowing for immediate access to data while viewing images. The integration capabilities have been streamlined with the three pillars of the DICOM web industry standard: WADO-RS, QIDO-RS and STOW-RS. The newest module on the platform allows providers currently using legacy PACS, RIS and EMR to gain access to state-of-the-art



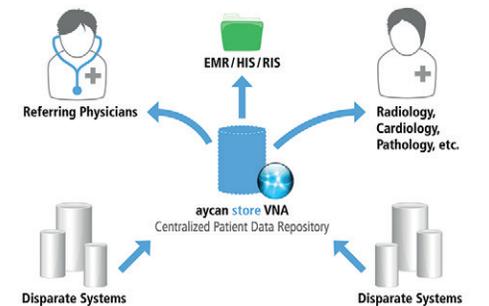
cloud technology – eliminating the need for forklift upgrades to infrastructure or software. As a new Google Cloud Technology Partner, Dicom Systems is launching a data lake program to advance AI enablement. The platform securely hosts massive amounts of de-identified medical images in the Cloud, providing the healthcare community with a dynamic environment to collaborate and develop machine learning applications.

ENTERPRISE IMAGING

aycan Medical Systems

BOOTH 7710

Archiving and Distribution System



aycan Medical Systems announces aycan Universal Archive, a vendor-neutral archiving and distribution system designed for hospitals and imaging centers that have disparate PACS systems. Universal Archive helps hospitals and imaging centers be more efficient with the management and sharing of images and other data. Along with enterprise and cross-department storage, the archive provides an open platform to use best-of-breed technologies, stores DICOM and non-DICOM images and integrates RIS, EMR, and other patient management systems. Other capabilities of aycan Universal Archive include automatic purging, compression, copying, and movement of images/data across the enterprise and central and local level storage. aycan Universal Archive is supported by the aycan professional services team with services that include data migration, design and implementation, and training, as well as ongoing immediate, live customer service and support.

NTT DATA

BOOTH 1742

Clinical Analytics and Management Tool Suite

Analytics, interoperability and management are the aim of NTT DATA's Unified Clinical Analytics (UCA) and Management tool suite. Uniquely combining industry tools and core NTT DATA technology into a service

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Your All-in-One Meeting Guide



Program Guide



My Agenda



Exhibitor List



Credit Eval

Meeting.RSNA.org



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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.

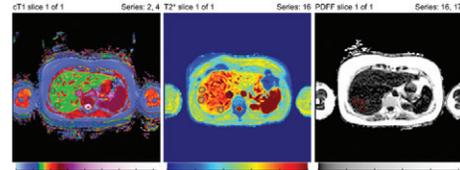


Perspectum Diagnostics

BOOTH 4772

LiverMultiScan

cT1 (ms) Median: 736ms IQR: 722 to 756ms Ref Interval: 650 to 822ms*	T2* (ms) Median: 35.8ms IQR: 34.2 to 37.2ms Normal >20.0ms at 1.0T** T2* is dependent on field strength	PDFF (%) Median: 1.1% IQR: 0.7 to 1.5% Normal <5.6%*
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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.



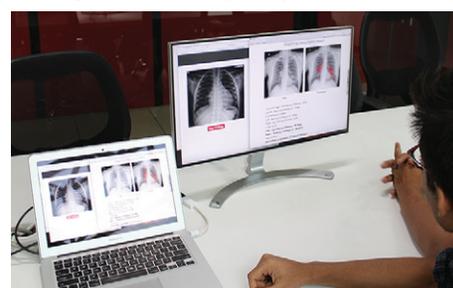
The incubator system can handle babies up to 4.5 kg total body weight and 55 cm over-all height. This device is MR conditional.

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).



Medical Scientific Ltd.

BOOTH 4178

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.

MONITORS/VIEWING SYSTEMS**Double Black Imaging & Image Systems**

BOOTH 3713

Backlit Display System for Breast Imaging

Double Black Imaging are debuting their 8MP color LED backlit display system for breast imaging. The Gemini series



8MP doubles the resolution and eliminates the gap between screens in multi-head display configurations. Allowing the eye to seamlessly glide between images uninterrupted increases productivity and user efficiency. Complete with advanced auto-calibration technology, the wide screen 8MP enables multi-modality imaging from a single display. The large wide-screen displays are equipped with built-in front sensors for hands-free automatic DICOM 3.14 calibration, backlight sensors to maintain stability over time, ambient light sensors, auto-report generation and non-conformance alerts via the web. Additional user friendly features include auto-dimming capability, image pin-pointing, cursor wrap and cursor genie functions – improving workflow and enhancing the user experience. DBI is dedicated to developing innovative imaging solutions and PACS components to improve image quality and make PACS more efficient, thereby reducing healthcare costs.

JVCKENWOOD

BOOTH 7935

Innovative 2MP and 3MP Color Diagnostic Displays

JVCKENWOOD has brought 'JVC,' the new brand for the Totoku medical displays, to the medical imaging marketplace. The company presents the JVC i3 Series CL-S200 and CL-S300 further broadening and challenging the medical diagnostic imaging field. The 2MP and 3MP color displays offer new and exciting features including a sleek and stylish design with two-tone color, self-calibration, and a more consistent image quality from multi-modalities. The new calibration software, QA Medivisor Agent, is hands-free and regularly schedules and checks calibration to DICOM Part14 standard by the integrated color front sensor. The Constant Image Quality function features its unique X, Y, Z tracking and color matching technologies to duplicate the image quality for any set of monitors, regardless of whether they are color or grayscale. Finally, the i3 Series reduces the stand space by 25 percent compared to previous models.

NUCLEAR MEDICINE**MIM Software Inc.**

BOOTH 8108

MIM Software's MIM Zero Footprint

With MIM Zero Footprint, users can now access all MIM products with the same licensed features they have in the clinic from home, while traveling, or anywhere they have internet access. Local hosting, plugins, or VPN's are not required. By utilizing automated mirroring, all encrypted clinical data is available through MIM Zero Footprint. Real-time collaboration is also a possibility, as users can send a link to a colleague or referring physician to instantly join a session.

PACS**INFINITT North America Inc.**

BOOTH 6930

Leading-Edge PACS Tools and Features

INFINITT introduces an all-new PACS with powerful analytics features and tools

for success in value-based imaging. New features include embedded, multi-modality image fusion and new lesion management tools that allow measurement comparison by bookmarking and tracking through all historical exams. It also includes a visual timeline display of patient's longitudinal study history, embedded enterprise search capability – providing better access to imaging and pathology data – and the ability to filter by modality, procedure, body part, gender and date. Dose management and analysis of radiation dose includes multiple ways to measure, such as organ dose calculations. There are also MACRA and MIPS tools for success, making it easy to achieve top composite scores. Also includes tools for decision support, including ready access to ACR Appropriateness Criteria, dedicated worklists and folders for conference and education purposes, and a vendor neutral archive option,

that consolidates DICOM and non-DICOM data into one archive, reducing equipment, maintenance and management costs.

XPOSCROLL

BOOTH 7944

Automated Scrolling System

Xposcroll is an automated scrolling system designed to maximize efficiency for review of stacked CT and MRI image sets in PACS. A simple USB dongle device converts a standard computer mouse into an autoscrolling "Mighty Mouse." Incorporates directly into the review process, providing real time control of scroll rates using unique nonlinear exponential rate curves, which optimizes the combination of speed and precision.



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of North America

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Superiorly ergonomic, Xposcroll significantly decreases required scrolling motions, increases productivity and may reduce the incidence of chronic overuse injuries commonly encountered by radiologists.

PRE-OWNED EQUIPMENT

DOTmed.com, Inc.

BOOTH 6608

Pre-Owned Equipment

DOTmed.com, Inc. is the world's source for medical equipment, parts and services. With over 250,000 registered users, DOTmed provides a safe hub for buyers and sellers to promote and distribute their product offerings. DOTmed also offers the Clean Sweep Live Auctions program that works to create valuable space in hospitals and healthcare facilities by auctioning off their unused medical equipment while earning back a profit for the participating facility.

RADIOGRAPHY

TI-BA Enterprises Inc.

BOOTH 3935

Flat Panel Detectors

Nexus DR Systems by Varex Imaging are lightweight, American-made, flat panel detectors designed for digital radiographic systems. TI-BA Enterprises, a recognized leader in the digital retrofit marketplace, has been serving the medical imaging industry since 1979. Nexus 4343 (17 x 17) and 4336 (14 x 17) detectors fit in standard bucky trays and are available in wired and wireless configurations respectively. "Cassette-sized" means that installation is quick and easy and allows for easy migration between table, above the table, chest stand and mobile cart applications. Nexus DR acquisition software is advanced digital image acquisition software designed to automate patient workflow, providing advanced image processing algorithms for optimal image quality and excellent reliability. Nexus is designed to provide fast, accurate diagnostic images with minimal user interaction.



SOFTWARE/IT

Clario Medical

BOOTH 1403

Collaborative Worklist

Clario's new multi-system technology enables non-competitive radiology groups to collaborate and share resources. Clario's commitment to a web-based design has laid the groundwork to provide interoperability between Clario systems over the internet. By connecting multiple Clario systems using RESTful web services, radiology groups can provide overflow coverage, subspecialty coverage, and operations support for each other. Each Clario customer decides which system to share work with and which work should be shared. All data resides in the originating system to ensure data integrity and security.

Lightning Bolt Solutions

BOOTH 2307

Boost Access + Prevent Burnout

Lightning Bolt Solutions is offering a new platform to optimize radiology shift schedules to serve physician needs while improving patient access. Automatically balance these complex healthcare operations demands with Access Optimization. Using sophisticated machine learning, it helps organizations smartly do more with existing resources, increase patient access to care and prevent physician burnout. Lightning Bolt Solutions is the leader in optimized physician scheduling, managing over three million physician shift hours each month.

IDS-AbbaDox

BOOTH 6524

AbbaDox CRM

Referral ID	Referring Physician	Referral Date	Referral Type	Referral Status	Referral Count	Referral Rate	Referral Trend
1001	Dr. Smith	2017-11-28	Orthopedic	Completed	15	12%	Stable
1002	Dr. Jones	2017-11-27	Cardiology	Pending	8	10%	Increasing
1003	Dr. Brown	2017-11-26	Neurology	Completed	12	11%	Decreasing
1004	Dr. White	2017-11-25	Orthopedic	Completed	10	13%	Stable
1005	Dr. Green	2017-11-24	Cardiology	Pending	7	9%	Increasing

IDS-AbbaDox announces the next generation business intelligence platform, AbbaDox CRM (Comprehensive Referral Management). The enhancements provide diagnostic centers with more robust analytics of their referral sources, ensuring that key marketing decisions are based on sound data. The latest version is centered on a series of new reports that analyzes the referral behavior of referring physicians. These reports include the ability to break down referred procedures by provider, exam codes and locations and illustrate the change in year-over-year referrals for a selected time frame while highlighting whether they've lost or gained referring physicians over that span. They also can identify increases or reductions in a referring physician's study volume, based on a user-determined percentage change and minimum study volume and generate a twelve-month trend analysis of referral patterns.

MedCurrent

BOOTH 4078

OrderWise™ Clinical Decision-Making Support

MedCurrent is a physician-founded Clinical Decision Support (CDS) company focused on improving quality of care and managing health system costs. Deep industry experience, superior technology and business agility make MedCurrent a global leader in CDS solutions.

OrderWise™ enhances the clinical decision-making process with real-time evidence-based guidelines integrated at the point-of-care to improve health and healthcare delivery.

Featuring deep integrations, streamlined workflow, an intuitive user interface and a

complementary suite of essential applications – including portal ordering, authoring studio, and analytics – OrderWise is the complete enterprise solution. Moreover, OrderWise has been designed with flexibility and longevity in mind, fulfilling health system needs not only in radiology, but also capable of digesting any guidelines in any clinical area, thus extending the scope of CDS to cardiology, pathology, prescribing, and even chronic disease management and care pathways.

ULTRASOUND

Esaote

BOOTH 3700

BodyMap: the Esaote GPS Technology

Precisely locating target positions on real-time ultrasound, while taking advantage of 2-D second modality, is a challenge in everyday clinical practice. Estimating the correct position of the probe is almost impossible without a GPS-like tracking system which ensures high precision and ideal tracking. The answer is BodyMap, a unique Esaote technology which enables 2-D navigation within any type of DICOM -D image, such as RX, SPECT-CT, or mammography. The selection of the reference points is done directly with the US probe with an incredibly fast procedure. That's why the 2-D navigation BodyMap technology is always possible, with good correspondence between the probe representation and the real-time position. BodyMap is not only a very useful tool for recording and teaching purposes, but a tremendous support for accurate diagnosis and proper planning of surgery and interventional procedures. Potential applications with other modalities are limited only by your imagination.



X-RAY

DRTECH Corporation

BOOTH 2950

Digital X-Ray Detector

EVS 2430W is the best solution for limitless portability and performance. EVS 2430W's easy mode controlling function enables use in any circumstances. With console and a button on EVS 2430W, users will easily experience dual resolution and CR mode for emergency or portable application. EVS 2430W's dual resolution control in normal mode allows users to choose high resolution (HR mode) or high transfer (HT mode) of the images based on their requirements.

The detector can be used without a PC and an anonymous patient can be added with a button on the detector in CR Mode. Up to 100 images can be saved and stored images can be checked using a smartphone or tablet. With its seven-second cycle time and 100-image storage, users will find the ultimate usability.

Novarad Corporation

BOOTH 7356

DR Solutions

ChameleonDR™ couples industry leading imaging software with a superior DR plate.



This combination provides you with a cutting-edge DR solution that can help facilities transition from CR, or easily expand. Novarad's digital radiography solution starts with a lightweight HD plate, manufactured in the United States. With a 100 pixel pitch and high performance CsI scintillator, it helps reduce patient exposure and enables an excellent DQE. The user interface has been developed from the ground up, with features that focus on providing the best user experience possible. Once the image has been captured, the A3™ image post processing technology is advanced, automated and adaptive.

TXR/Tingle X-Ray LLC

BOOTH 2206

URS X Plus LP Plus for Single-Panel DR Imaging

TXR will be exhibiting the URS X Plus LP Plus with 12" touch screen control. This widely-accepted, fully-motorized structure provides a cost-effective solution for single-panel DR imaging. It can



be paired with generators from 32 kW up to 80 kW and is available for use with film/CR, fixed DR panel, rotating DR panel and portable/wireless applications. Optional image preview and stitching make this unit the best choice for hospitals, imaging centers, clinics, orthopedic and private practice facilities.

Rayence Co., Ltd.

BOOTH 4753

Compact, Full Featured U-arm

Rayence, a worldwide leading manufacturer of digital flat panel detector solutions, is showcasing the RU-3000 Digital Universal Radiography System. This unique U-arm features a compact design with dual telescoping arm movement that permits installation in settings having ceiling heights of just eight feet. Its fully motorized movements for SID, arm rotation, height, and detector angle can be automatically programmed to user-specific radiographic positions utilizing the intuitive touch-screen located tube side, a hand held remote control or by using the technologist workstation. Coupled with Rayence XmaruView software, optimized image quality is achieved through the use of exam specific algorithms and advanced image processing. Automatic stitching of up to three images is attained at a touch of a button. Complemented by a durable bucky design with an easily removable grid, automatic collimation, patient safety anti-collision sensors and an available mobile table, the RU-3000 is full featured and well-suited for all imaging environments, especially orthopedics, imaging centers and urgent care.



Innovators Help Radiology Transform Healthcare Delivery

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Mazzella's suggestion for meeting those challenges is to start with the very basic technological building blocks of any IoMT-based healthcare ecosystem.

Qt produces software that enables designers and developers to easily create connected devices, UIs and applications across a wide range of platforms, machines and "things." Qt is the software of choice by

developers worldwide for creating, building and deploying connected embedded medical devices and medical applications.

With Qt, a developer can build user interfaces that can be used safely, effectively, and reliably on a wide variety of platforms and devices within a healthcare environment.

Technologies like the one being offered by Qt are expected to not only

make IoMT more accessible, but more user-friendly as well.

"Qt doesn't control or modify any data. Rather we're facilitating the creation of an ecosystem," Mazzella said. "We're empowering medical device developers to create that ecosystem."

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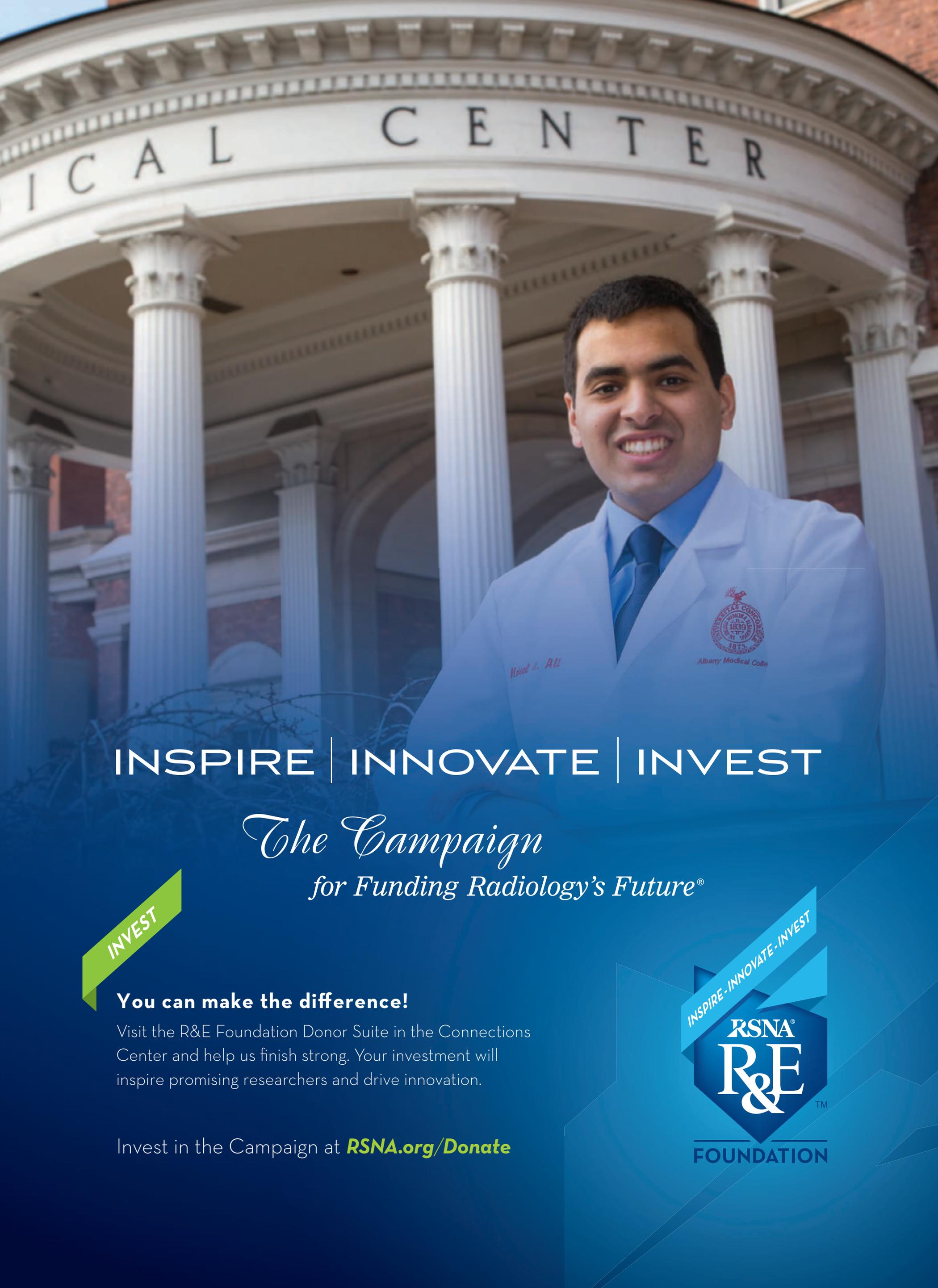


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