

Technical Exhibits Focus

RSNA and Exhibitors Deliver State-of-the-Art Education

Presentations bring industry partners and attendees together in several formats

By Michael Hart

This week, more than 50,000 individuals from around the world are in Chicago for RSNA 2018. Today more than ever, RSNA and industry partners are collaborating to deliver high quality learning opportunities to meeting attendees.

Throughout the week, there are hundreds of opportunities to attend scientific poster sessions, hands-on courses, educational courses and plenary lectures. There are hundreds of exhibitors and industry partners to visit on the exhibit floor.

In many ways, it is one-stop shopping for anybody who wants to learn the latest in what is happening in radiology.

Among those providing the most cutting-edge insights are industry partners, some of whom are relatively new to the specialty. One more recent addition to the meeting is Google Cloud.

"We are building a platform for managing health care data," said Arie Meir, PhD, a product manager at Google Cloud. "Our goal is to enable providers and solution developers to organize their information and make it universally secure, accessible and useful."

During this year's meeting, Google Cloud has hosted a corporate symposium that was open to all RSNA attendees as well as a presentation in the Machine Learning Showcase Theater.

Longtime exhibitor Canon Medical Systems USA has a simple message for the radiology community: The key to the future is collaborative imaging.

"We want to make radiology more relevant to cardiology, neurology, oncology—all the specialties," said Satrajit Misra, vice president of marketing for Canon Medical Systems. "We want to help them deliver a better suite of services to drive the large health networks to more patient-centered care."

Canon is doing that with a series of demonstrations on the exhibit floor, but also with two sessions that allow participants to earn continuing medical education (CME) credits around the same topic.

Google Cloud and Canon are just two of dozens of industry partners that will provide glimpses of the innovations they are developing, and they are doing so in a wide variety of formats.

Along with corporate symposiums, there are:

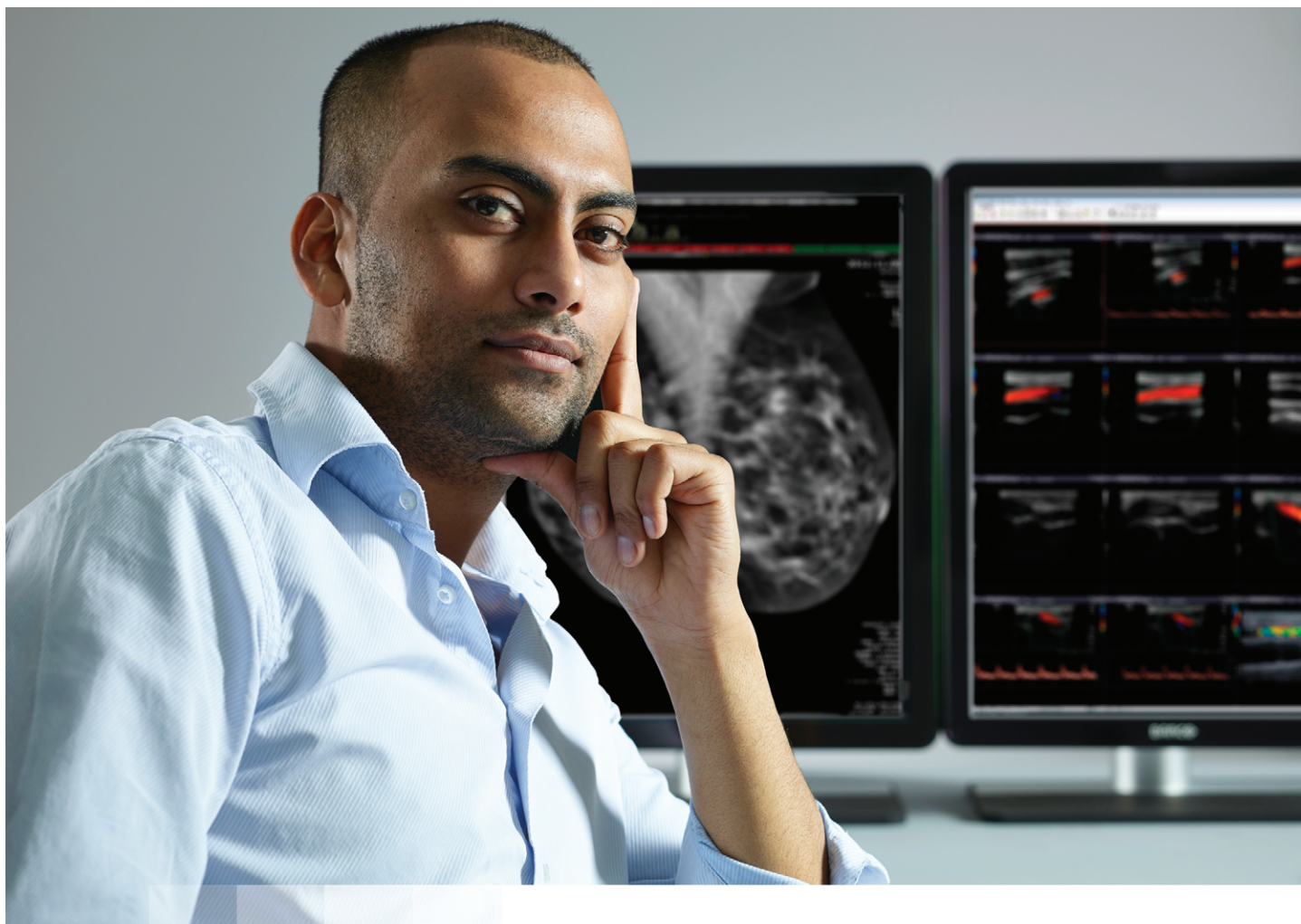
- Vendor workshops, classrooms set up on the exhibit floor that allow attendees to experience hands-on product demonstrations;
- Showcase presentations, 20-minute demonstrations of company-provided solutions in the Machine Learning Showcase Theater and the 3D Printing & Advanced Visualization Showcase Theater, both on the exhibit floor; and
- Lunch & Learn sessions, where industry partners invite attendees to enjoy lunch as they present new informational and procedural content.

These vehicles for delivering content offer many benefits to the attendee, allowing them to learn from experts about some of the technologies and techniques that currently are being developed and receive hands-on training on the newest tools and equipment.

At the same time, industry partners have the opportunity to interact and obtain feed-

back from those in the radiology community they are working to serve.

"I see us learning from each other," said Michael Muelly, MD, a radiologist and product manager at Google Cloud. "This helps the tech industry to better understand the health care needs, and the health care institutions to gain insight into what tech can do for them."



THINK YOU KNOW BARCO?

There's a reason why our display systems are used by the majority of breast screening centers around the world. With better image quality, higher luminance and more uniformity, Barco's breast imaging solutions support increased detection, reduced reading times and enhanced workflow.

See all that Barco has to offer at booth #1311

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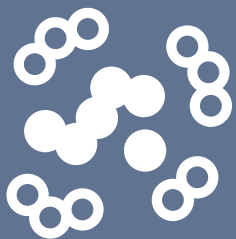


More than you know.

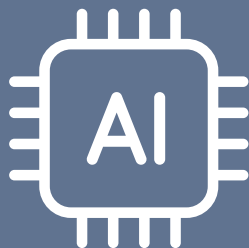


Three New RSNA Journals Coming in 2019!

Radiology



Imaging Cancer



Artificial Intelligence



Cardiothoracic Imaging

Submissions Now Open:

Radiology: Artificial Intelligence and Radiology: Cardiothoracic Imaging

Submissions Opening April 2019:

Radiology: Imaging Cancer

Visit *RSNA.org/Journals* for more information.

Meet the RSNA Journal Editors in-person at the **RSNA Publications booth 1011** in the Technical Exhibit South Hall A.

- Meet **Dr. Gary D. Luker**, Editor, *Radiology: Imaging Cancer*, Monday, 10 AM
- Meet **Dr. Charles E. Kahn**, Editor, *Radiology: Artificial Intelligence*, Monday, 2 PM
- Meet **Dr. Suhny Abbara**, Editor, *Radiology: Cardiothoracic Imaging*, Tuesday, 10 AM
- Meet **Dr. Jeffrey Klein**, Editor, *RadioGraphics*, Wednesday, 10 AM
- Meet **Dr. David Bluemke**, Editor *Radiology*, Wednesday, 11 AM

3D Printing & Imaging Printing Systems

Codonics Inc.

BOOTH 1929

Innovative and Economical Healthcare Solutions



Codonics is a global leader for medical imaging and patient safety devices made in the USA. Output on diagnostic film, stunning color and grayscale paper, plus CD/DVD media help document a case and provide referring physicians with tools for effective patient consultations. DR retrofit solutions enable X-ray rooms or CR to be quickly and easily converted to state-of-the-art DR. Codonics is represented in over 110 countries and offers a unique swap service program.

AV/VR

Intrasense SA

BOOTH 8146

Software Solutions for Visualization and Analysis



Taking medical imaging to the next level

Intrasense designs Myrian®, a software solution allowing medical images advanced visualization and analysis, integrable in any health care system. Myrian is enriched with expert clinical applications on follow-up of specific specialties. Myrian Imaging Layer® offers a complete seamless integration within any health care system (PACS, RIS, etc.), including the native system database and a full set of advanced clinical applications, in a unified user experience. Myrian Studio® allows to develop quickly innovative imaging applications.

Angiography, Cardiac and Vascular

Pharmaceutical Innovations, Inc.

BOOTH 3900

Safety Locks

The ((M)) Safety Lock attaches to the Luer-lock connection between the primary catheter and connecting tubing. Functionally, the Luer-lock is unbreakable and therefore the primary catheter and connecting tubing act as one piece of equipment. Pull forces on the connecting tubing will be transmitted down the length of the tubing to the primary catheter without much impediment except beyond the strength of the primary catheter securement device. However, with the M-lock in place, the connection between the primary drainage catheter and the connecting tubing will break apart beyond a threshold pull force. The ((M)) Safety Locks are designed to help reduce the number of catheter migrations or dislodgements when in use with percutaneous biliary drainage catheter, percutaneous gallbladder drainage catheter, percutaneous renal collecting system catheter and percutaneous abscess drainage catheter.



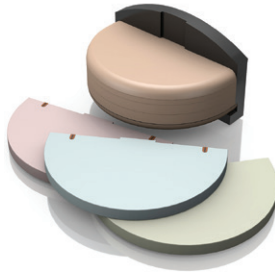
Computed Tomography

CIRS

BOOTH 2300

Quality Control For All DBT Systems

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 (SNR) and signal difference to noise ratio (SDNR), resolution in X, Y and Z directions (MTF, ESF, PSF), 3D geometric accuracy, artifact assessment and target detectability (specs, masses & fibers).



Educational Products and Services

The Holvan Group

BOOTH 8044

Measurable and Lasting Improvements in Health care

The Holvan Group has comprehensive patient education solutions for radiology. Patient education videos engage patients with high quality educational content that explains complex medical care in a simple, easy to understand format. The Holvan Group also offers a mobile app platform that allows patients to submit imaging orders, watch educational videos, have priority communication with your staff and find your locations. The Holvan Group's On Call app simplifies communication between health care workers providing the current schedule and making it easier for physicians to be in touch.



Enterprise Imaging

Calgary Scientific

BOOTH 2574

Collaborate with Multiple Users on Any Data

Calgary Scientific offers ResolutionMD®, a patient-centric, clinical collaboration platform it offers the ability for any clinical application to be shared simultaneously by multiple users in modern browsers. Disparate users can now easily discuss all relevant data in context from their existing solutions, (imaging, EMR data, advanced visualization and remote monitoring data), regardless of source application or data format. This can be an enabler for any virtual clinical collaborations, such as ad-hoc consults, tumor boards, patient/family rounds and multi-disciplinary meetings.



Intelrad Medical Systems

BOOTH 6923

Next Generation Cloud Solutions

Intelrad® offers cloud-based medical imaging solutions with nuage® Cloud Imaging Platform. nuage Cloud Imaging Platform offers an integrated and highly-scalable suite of managed infrastructure and software as a service to grow enterprise-wide imaging. One of the many components in this platform, nuage® Disaster Recovery, enables clients to protect medical information in the cloud in case of a disaster, while adhering to patient privacy regulations and reducing onsite IT storage and infrastructure management costs. The highly secure solution is architected with the ability to elastically adjust as clients' needs and capacity requirements evolve over time, and to quickly recover from a disaster. nuage® Patient Portal is a zero-footprint patient portal solution that imaging centers and clinics can utilize to increase patient engagement through cloud-base, self-service access to exam history, images and reports as well as the ability to securely grant access to anyone.



Lenovo

BOOTH 7709

OEM-Ready Products

Lenovo, a global, public company provides IT products from mobile to desktop to data center and offers innovation, quality, reliability, supply chain, and customer satisfaction. Lenovo offers the services to optimize, deploy and support your integrated solution over the long haul. With years of experience serving OEMs, Lenovo OEM Solutions offers an award-winning portfolio and a global presence.



WinguMD, Inc.

BOOTH 1158G

Mobile Clinical Collaboration

WinguMD is an essential mobile clinical collaboration platform, designed with the patient, care team and enterprise in mind. The mobile platform gives care teams the ability to contribute to patient encounters using their smartphones or tablets, seamlessly synchronizing every activity with

the EHR and PACS and unifying mobile device clinical photos with DICOM images for comprehensive diagnosis and treatment planning. Clinical photos are captured, annotated and shared instantly - and are viewable from mobile devices or workstations, allowing important decisions to be made in seconds. WinguMD organizes all communications by encounter, streamlining workflow and minimizing time-consuming and redundant steps to locate critical data related to patient care. WinguMD provides hospital IT with a secure, fully integrated platform that provides the required interoperability among mission-critical, enterprise-wide imaging applications. WinguMD is designed to ensure hospital and care team compliance with patient privacy laws.

Fluoroscopy

Radcal

BOOTH 3135

Dose Products for Fluoroscopy

JCAHO (The Joint Commission: Accreditation, Health Care, Certification) has recently released new requirements regarding the accuracy of Dose Area Product (DAP) or (KAP) meters as applied to fluoroscopy applications. As a provider of diagnostic radiation test instruments, Radcal is pleased to offer two solutions providing excellent assessments of the accuracy of DAP and KAP meters. The Radcal PDC (Patient Dose Calibrator) is an easy to use standalone instrument that is ideal for satisfying the new JCAHO requirement. The PDC displays real-time measures of DAP (KAP) and dose rate during an exposure and then automatically displays accumulated DAP (KAP) and total dose on exposure completion. A cost effective alternative for users of Radcal's AccuGold family of quality assurance instruments is the DAPCheck Plus accessory.



Ziehm Imaging GmbH

BOOTH 6119

Mobile C-arm Systems

Ziehm Imaging is a mobile C-arm systems company committed to setting new technology standards. Ziehm systems allow for multidisciplinary use and seamless switching between CT-like 3D imaging with intraoperative navigation



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RSNA 2018 ON YOUR PHONE AND ONLINE

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and

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and cardiovascular capabilities. Ziehm's C-arms offer lower purchase and installation costs compared to fixed systems. Ziehm's usability features achieve quality goals through flexible design to seamlessly integrated software functionality. Ziehm's comprehensive SmartDose concept consists of a broad, clinically proven feature set to address the daily challenge of reducing dose while optimizing image quality.

Imaging Services

Candelis, Inc.

BOOTH 3947

Small Footprint PACS and High-Volume Data Routing and Management

Candelis, Inc. is a provider of innovative and cost-effective solutions to hospitals and imaging centers. ImageGrid Mini is a turnkey, small footprint, cost-effective PACS that provides image management, archival and visualization tools ideal for imaging facilities and radiology departments. The ImageGrid Mini includes a diagnostic image viewer and the capability to back-up and archive images within the Candelis ASTRA cloud. ImageGrid Plus is an ultra-high-performance platform that can support high volume health care environments of 1,000+ modalities. The ImageGrid Plus platform is tailored for facilities with an overtaxed central system in the radiology department, and where complex routing rules and DICOM tag morphing are necessary to support the radiology work environment.

Information Systems (RIS & HIS)

IDS AbbaDox

BOOTH 7530

RIS Cloud-Enabled Solutions

IDS offers a RIS solution that is part of an entire ecosystem of natively integrated products and solutions delivering value to radiology organizations. IDS's cloud-enabled solutions are delivered as a service without the burden of traditional ownership. AbbaDox RIS offers streamlined, intuitive workflows that improve efficiencies across all practice roles including radiologists and referring physicians and improves service level, patient satisfaction and engagement. While some industry players are phasing out of the RIS market, AbbaDox RIS continues to offer innovative technologies. A subscription-style model provides a continuously evolving platform that is offered ala carte that partners with best-of-class third-party vendors Mach7, Imagine Software and Availity.



MedInformatix, Inc.

BOOTH 8126

Standardized Reporting

MedInformatix offers new, standardized reports in MI-BI. It can empower key decision makers with visualized data to target challenges and solutions and monitor appointments, financials and performance over time. MI-BI includes built-in mobility features and expansive MedInformatix implementation standards, reference materials and guidance. MedInformatix MI-BI reporting addresses fundamental challenges to provide the information



needed and measure the health of a practice across the entire workflow spectrum.

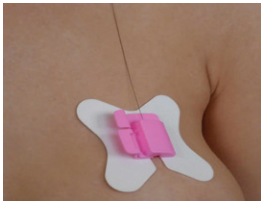
Mammography

LeBeau Medical, LLC

BOOTH 3247

Wire Migration Solution

LeBeau Medical, a patient safety company, announces the launch of Wire-Fix, a simple and affordable solution for preventing the migration of localization wires in breast biopsy patients. WireFix is an adhesive-based device designed to prevent complications and failed surgeries, giving patients and physicians assurance that abnormalities in the breast can be correctly identified and removed. Needle localization wires have a long history of being accidentally partially withdrawn resulting in a failed surgery or working themselves deeper resulting in lung collapse, pericardial tamponade or heart muscle penetration. Patented and FDA approved, WireFix saves physicians valuable time, protects patient from unnecessary (but very real) risk, injury or failed lumpectomy and ensures an effective, successful procedure.



Volpara Solutions

BOOTH 2565

Mammography Decision Support System

The Volpara®Live!™ system automatically analyzes patient positioning and compression and provides real-time feedback to technologists, offering real-time decision support at the point of care. Designed to help technologists acquire consistent, high quality mammograms, VolparaLive! puts data in the technologists' hands before the patient leaves the room. This helps optimize productivity, reduce costs through the reduction of retakes and increase staff effectiveness. Volpara also received new FDA 510(k) clearances for technologies used in Volpara®Enterprise™ software and the Volpara®Density™ clinical application. The new clearances expand the types of information that Volpara algorithms can provide to clinicians. VolparaEnterprise software provides a comprehensive assessment of image quality on every mammogram, including positioning and compression.

Machine Learning/Computer-Aided Diagnosis Systems

DeepRadiology

BOOTH 6761

Medical Artificial Intelligence

DeepRadiology is a medical artificial intelligence company bringing together the brightest minds in the field to create revolutionary products that are transforming health care. DeepRadiology offers a suite of remarkable new AI powered services. The first is a CT head scan service that is able to detect clinically significant pathology at a lower miss rate than published rates for radiologists. There is also a new services for chest X-ray, CT chest, CT abdomen/pelvis and bone age. New services will also soon be available for other CT scan types as well as for major study types in conventional X-ray, ultrasound, magnetic resonance imaging, mammography and nuclear medicine.

HeartVista Inc.

BOOTH 7971

One Click MRI

One Click MRI extends the clinically available HeartVista Cardiac Package to enable autonomous acquisition. With a single click, the smart heart protocol automatically prescribes the standard cardiac views, acquiring consistent and accurate images in a fraction of the time. HeartVista's software integrates with an existing MRI system and uses AI to guide the scans. With a single click, user can perform a complete cardiac ischemia exam in 15 minutes compared with the traditional 90-minute session. Integrated AI algorithms increase diagnostic consistency and minimize technologist errors. Clinicians can remotely monitor and control exams in real time. Patients may benefit from fewer breath holds, reduced discomfort and increased access for individuals with health constraints (Device availability following FDA review). In addition, HeartVista's AI-driven RTHawk Research software-development platform enables researchers to create pulse sequences, implement advanced reconstructions, integrate with third-party devices and design image-processing pipelines.

JLK Inspection

BOOTH 8107

AI-based Medical Solutions

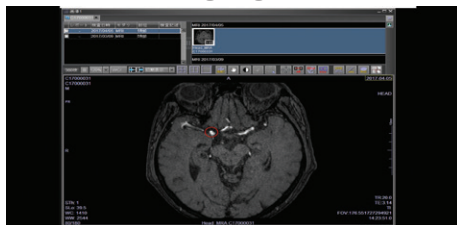


JLK Inspection introduces AI medical total solutions to detect and diagnose various diseases using deep learning technologies that include unique algorithms and image processing techniques. JLK Inspection's total brain solution aims its targets on stroke, cerebral aneurysm and Alzheimer's disease. The company is also expanding its solution's scope to organs other than brain like prostate and lung. JBS-01K diagnoses the ischemic stroke using 3D hybrid neural networks that get patient's MR images and clinical information as inputs. JBS-06K gives hyper-acute ischemic stroke analysis to assist doctor's clinical decision using the patient's MR images and CT images. JPC-01K detects the area of prostate cancer using neural networks that get multiparametric MR images as inputs.

LPixel Inc.

BOOTH 7573

Medical Imaging AI



LPixel is a University of Tokyo spin-off that delivers advanced image analysis solutions for life science research. LPixel is dedicated to bringing innovation and excitement to the world of research by unifying its expertise in AI technology and life science image analysis. LPixel is developing EIRL, which is the AI-instilled medical image diagnostic support technology designed to facilitate radiologists in the diagnosis process. The diagnostic themes covered by EIRL include brain and breast MRI, chest X-ray, colonoscopy and pathol-

ogy. EIRL is characterized by a plethora of powerful and unique capabilities. In addition to being double and triple checked by doctors, the data used to train EIRL is comprised of images that led to an accurate diagnosis. EIRL's capabilities are further amplified with its ability to learn from a limited number of data, accommodate images of varying quality and integrate seamlessly with PACS.

Quantib BV

BOOTH 7367H

AI For Practices

Quantib presents Quantib™ ND, a neurodegeneration tracking software providing fully automatic brain structure segmen-

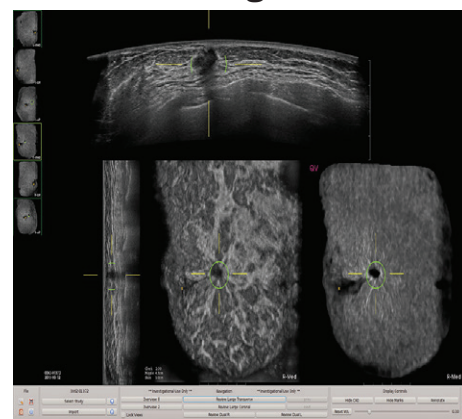


tation and white matter hyper-intensity (WMH) segmentation. Quantib ND offers segmentation of lobes and hippocampus to objectively assess atrophy development, combined with WMH segmentation for easy monitoring of dementia and MS patients. Additionally, reference centile curves provide an intuitive tool to compare the patient's brain volume to that of an unbiased population. Quanti ND's follow-up feature allows for tracking of neuro degeneration over time. Accurate alignment of images at subsequent time points enable accurate detection and staging of atrophy, combined with WMH tracking. The software visualizes new and previously identified lesions intuitively using color-coded overlays. The editing feature grants the radiologist full control of final results before sending them to the PACS. The product has CE marking and is seeking FDA approval.

QView Medical

BOOTH 3572

AI Supercharge Dense Breast Challenges



The QVCAD c-thru navigator with the corresponding ABUS images at the location of the abnormality.

QView Medical's AI QVCAD software system is FDA and PMA-approved, using AI algorithms for breast cancer detection. The QVCAD algorithms are based on a combination of machine vision and AI deep learning neural network technologies. It analyzes the 3D volumetric ABUS images and identifies suspicious areas of interest. Its output is presented in two formats. First, as a QVCAD Navigator image of each ABUS volume, which is a modified minimum intensity projection combined with an enhancement of the coronal image of the ABUS output in areas where QVCAD has detected possible abnormalities. This is intended to bring attention to certain areas of interest. Second, as a QVCAD marks presented as green circles around areas of interest. CAD marks are intended to highlight potentially malignant lesions.

Smart Reporting GmbH

BOOTH 7367B

Digital Health Solution for Medical Reporting

The Smart Radiology platform is a digital health solution for structured medical reporting offered by Smart Reporting. Current free-text reports pose severe problems to quality, reproducibility and efficiency in radiology. Smart Radiology is an intelligent software with an easy-to-use interface for radiologists to build high-quality structured reports by applying guideline-compliant criteria. Users enter relevant criteria into templates developed by leading radiologists, while the corresponding report text is generated simultaneously. Comprehensive and up-to-date medical background knowledge is also provided. All report data are stored in a highly granular database and can be fully analyzed, an ideal tool to establish AI and image analysis algorithms into the clinical workflow. The software can be seamlessly integrated into existing RIS/PACS systems and can be combined with speech recognition.



VIDA

BOOTH 6065

Transforming Healthcare In The Age of Intelligence

VIDA provides care with advanced pulmonary analytics. Powered by a unique combination of AI and quality-controlled image analysis services, VIDA's solution provides insights aimed to improve patient outcomes, save healthcare costs and increase physician efficiency across a range of lung diseases including cancer, emphysema, airway obstructive diseases and asthma. VIDA's software and services are cleared for clinical use in the United States, Canada, European Union and Australia.



Monitors/Viewing Systems

JVC Healthcare

BOOTH 6723

2MP and 3MP Color Diagnostic Displays

JVC presents the "i3 Series" CL-S200 and CL-S300, further broadening 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 more consistent image quality. The new color management technology of the "i3 Series" features its unique X, Y, Z tracking and sophisticated color matching. Combined with the new calibration software QA Medivisor Agent, the JVC solutions make it easier to manage the day-to-day operations in the radiology department.



MRI

Kopp Development, Inc.

BOOTH 1406

Latest Innovation in MRI Safety

Kopp Development Inc., a manufacturer of ferromagnetic detectors for MRI safety, offers FerAlert™ Encompass, a system that automatically detects and logs unintended ferromagnetic objects entering Zone IV. It is the only system that provides a photographic stream and does not require manual logging, thus allowing the technologists to perform uninterrupted patient care without wasting time with self-reporting. The data analysis software allows effort-

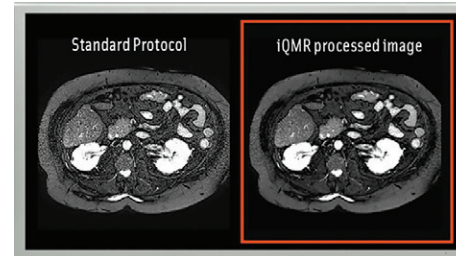


less generation of reports for The JCAHO inspections. It also allows for the analysis of safety trends that can be shared throughout the entire hospital system.

Medic Vision-Imaging Solutions, Ltd.

BOOTH 3744

MRI Time Reduction



The new iQMR™ (intelligent Quick MR) is a machine learning-aided iterative

image reconstruction software that allows significant reduction in MRI scan time. Medic Vision's iQMR is an add-on, vendor-neutral system, cleared by the FDA. It enables the use of short MRI protocols by substantially increasing signal-to-noise ratio and quality of the acquired images, allowing enhanced image quality, increased productivity, fewer repeating scans and a better patient experience. iQMR is in routine use at numerous imaging centers across the U.S., providing scan time reduction on a variety of scanners ranging from older 0.7T to new 3T. Clinical studies performed at leading U.S. and

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

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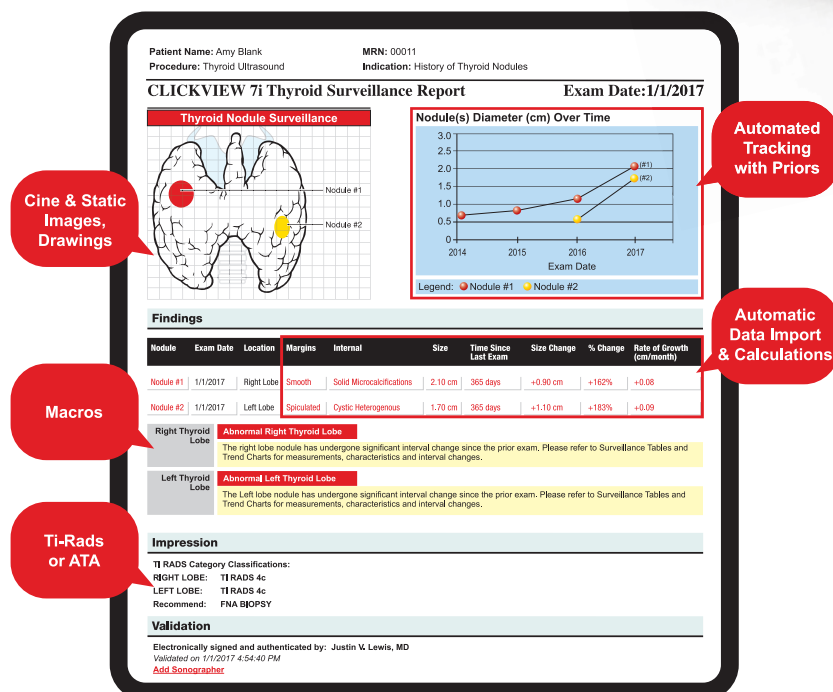
Radiology Reporting Reimagined...



THE BEST OF ALL WORLDS

SPEECH RECOGNITION + CLICKVIEW REPORTING
SEAMLESS WORKFLOW INTEGRATION
FASTER, EASIER, ACCURATE
AUTOMATED, MULTI-MEDIA
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CUSTOM REPORTS

THYROID NODULE SURVEILLANCE



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international health institutes, have shown that iQMR enables over 30% reduction in MRI scan times, with no impairment of image quality nor clinical value.

LMT Medical Systems GmbH

BOOTH 4952

MRI Exams for Newborns and Babies

The MR Diagnostics Incubator System nomag® IC makes gentle and time-saving MRI examinations possible for newborns and premature babies. The nomag IC meets high neonatal requirements. Patients lie protected and comfortable in the incubator. The incubator features, in addition to temperature and humidity control, an independent MR-conditional gas and power supply. The incubator is also compatible with 1.5 and 3.0 T appliances from Siemens, GE and Philips. A range of additional products contributes to the optimal and efficient use of the MR Diagnostics Incubator System nomag IC. These include a 16-channel neonatal head array coil, a 12-channel neonatal body array coil, as well as MR-compatible ventilation. scan time reduction on a variety of scanners ranging from older 0.7T to new 3T. Clinical studies performed at leading U.S. and international health institutes, have shown that iQMR enables over 30 percent reduction in MRI scan times, with no impairment of image quality nor clinical value.

PACS

INFINITT North America

BOOTH 2706

PACS Features and Functionality

INFINITT, a developer of enterprise imaging solutions for health care, offers a RIS/PACS, cardiology suite, mammo PACS, 3D/advanced visualization tools and a vendor neutral archive (VNA) with enterprise viewer. The diagnostic viewer features lesion management, decision support, visual history of prior exams, enterprise search capability, new AI platform and Digital Pathology Solution. The INFINITT Healthcare Platform (IHP), is a standards-based vendor neutral archive that manages DICOM and non-DICOM data on a powerful Oracle database. INFINITT's product line has expanded from a radiology-centric model to an enterprise imaging solution, providing seamless integration with all major EMRs and encompassing radiology, mammography, cardiology, dental, ophthalmology, pathology and advanced visualization on a single platform.



Radiography

Shimadzu Medical Systems

BOOTH 1332

Radiographic Table System

Shimadzu Medical Systems USA has launched a new radiographic table system: RAD-speed fit, a general radiography table system. As the newest U.S. based product in the RADspeed series, the RADspeed fit with its integrated tube stand, offers a balance of functional rad applications, such as chest, abdomen or extremities. The fit can



perform emergency examinations while providing the same easy operability and extensive functionality for reducing exposure levels as developed for other products in the series. The system generator is integrated into the patient table making it ideal as an entry level digital radiography (DR) system. The RADspeed fit is equipped with a digital X-ray detector (FPD) and is appropriate for Urgent Care and clinical centers.

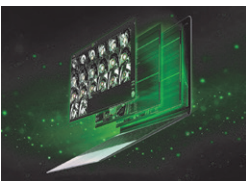
Software/IT Services

Circle Cardiovascular Imaging

BOOTH 7956

A Single Solution for Cardiovascular Imaging

Circle Cardiovascular Imaging's cvi⁴² provides one solution for advanced post-processing for cardiac MR, cardiac CT and interventional cardiology. cvi⁴² offers a single, customizable application to meet the needs of cardiologists, radiologists, interventional cardiologists and interventional radiologists. With over a decade of development focused on workflow optimization and innovation, cvi⁴² is research tested and clinically proven and can help save time, increase patient throughput and increase diagnostic confidence.

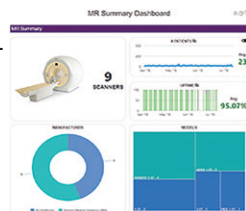


Glassbeam

BOOTH 2674

Predictive Analytics for Machine Data

Glassbeam is a machine data analytics company that provides predictive and prescriptive insights into medical equipment performance. There are significant opportunities to improve profitability and performance of complex health care equipment by detecting performance anomalies and alerting engineers to take proactive steps to address and prevent failures. These insights allow health care organizations to maximize machine uptime (to more than 99.5 percent), patient care and revenues. Glassbeam's cloud-based platform ingests complex, multi-structured machine log data and can scale up to processing terabytes of data per day. Glassbeam provides insights into internal and external factors that impact the performance of imaging, X-ray and biomedical devices. The company is continually expanding into different equipment types and manufacturers to provide health care equipment manufacturers, independent sales organizations (ISOs) and health care provider systems with a singular view into the performance and usage of entire fleets of medical equipment.



Nuance Communications

BOOTH 2700

AI and Cloud-Enabled Tech for Data-Driven Reporting

PowerScribe One uses AI and cloud-enabled technologies to power data-driven reporting allowing the reporting process to do more, more consistently—without disrupting radiologists' workflow. It offers unparalleled reduction in report creation time through automated workflows and a structured data architecture and NLP-driven automation to reduce errors and enhance quality, clinical context and outcomes, with relevant information avail-

able at the point of care. Intelligent data exchange can integrate radiology with the care team and patient care pathway, optimizing the sharing of data-rich clinical content. Lightweight deployment delivers updates, improving operational efficiency and reducing total cost of ownership. The platform improvements streamline system management, optimize user satisfaction and support standardized reporting.

Ultrasound

Pausch LLC

BOOTH 1738

Integrated Elevating Table

Accogent Pausch presents its newest iteration of integrated elevating table, *CombiMax Mk 2*. Intended to meet the needs of today modern imaging environment, *CombiMax Mk 2* offers intuitive controls and a sleek profile to help it blend into any room. Numerous features have been incorporated to streamline installation and keep room construction costs and requirements as low as possible. It is designed to meet the needs of the any budget, while still delivering hospital grade performance.

QView Medical Inc.

BOOTH 3572

AI System For Concurrent Reading of ABUS Exams

QVCAD, the first AI CAD system FDA-approved for concurrent reading of Automated Breast Ultrasound (ABUS) exams, reduces interpretation time of screening ABUS exams while maintaining diagnostic accuracy. The system utilizes deep learning algorithms to detect suspicious areas in the breast and highlights those areas for radiologists' review. To improve reader productivity, QVCAD provides a C-thru image of all volumes in a standard ABUS exam to provide an immediately visual overview of the case. Users may select any CAD mark or area of interest on the CAD Navigator image and the corresponding original ABUS images will be displayed, enabling users to efficiently review the entire ABUS case.

SuperSonic Imagine

BOOTH 8139

Ultrasound Imaging

The Aixplorer MACH® 30 integrates the unique technological innovations, such as the SonicPad® and UltraFast™ to offer enhanced diagnostic performance. SuperSonic Imagine's new innovative imaging methods that have given a new impetus to ultrasound imaging, with new clinical indicators. SuperSonic Imagine currently has over 600 clinical publications on the use of ShearWave™ Elastography (SWE™) in several different clinical applications.



X-ray

Carestream

BOOTH 4705

Imaging, Healthcare IT Systems

Carestream offers its OnSight 3D Extremity System, DRX-Evolution Plus System, DRX-Excel Plus System, DRX-Revolution Mobile X-ray System,



DRX-Revolution Nano Mobile X-ray System and its portfolio of DRX detectors. It also will showcase Carestream's Vue Clinical Collaboration Platform that allows providers to consolidate, manage and seamlessly share images and data across the enterprise. This modular, multi-site, multi-domain, standards-based solution makes patient images and data easily accessible to key stakeholders and provides the backbone for a fully integrated clinical imaging, workflow and reporting infrastructure.

Direct Conversion AB

BOOTH 2969

When Every Photon Counts – Patients Benefit

Direct Conversion AB develops, designs and produces integrating



and photon counting X-ray detectors for imaging in medical and industrial applications. Its unique pixelated hybrid detector technology combines highly sensitive, direct converting CdTe detector material with advanced signal processing. Direct Conversion detectors are characterized by their extremely high speed (up to 2000 fps) of operation and their ability to handle clinically relevant X-ray fluxes (up to 10⁹ events/s/mm²). In addition, they provide all necessary corrections for artefact-free imaging and enable spectral imaging to better separate different materials. In medical imaging, they can deliver better images at lower doses containing more information (tissue separation).

Mediatech USA

BOOTH 3275

X-Ray System

Mediatech offers the American-made, fully automated, fully integrated X-ray system for both medical and veterinarian practitioners. These floor mounted systems offer: 900 lb. capacity elevating table, full motion column, elevating and rotating tube stand, integrated elevated chest stand, touch screen controlled and a fully integrated software for automated control, data handling and cross platform connectivity. Mediatech also offers Voyance, a DR acquisition software and Mini PACS. System is FDA pending and each item can be easily integrated with pre-existing systems.

Teledyne DALSA

BOOTH 3965

CMOS X-Ray Technology

Teledyne DALSA's advanced CMOS X-ray detectors offer lag-free, real time imaging at reduced dose levels. High-temperature stability simplifies detector-to-system integration and improves clinical workflow because of fewer system calibrations – reducing downtime and delivering cost savings. The Xineos family offers a portfolio of CMOS flat detectors for diagnostic and interventional imaging like breast tomosynthesis, orthopedics, vascular and cardiology surgery. Xineos detectors enable earlier diagnosis of medical anomalies, increasing the opportunity for early intervention, patient recovery and reduced treatment costs.

Technical Exhibition Booth Key

South Hall A

Booths 1000 – 5999

North Hall B

Booths 6000 – 8999

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