RSNA 2019 SEE POSSIBILITIES — TOGETHER

Technical Exhibits Focus

Solutions from RSNA Exhibitors Help Physicians Focus on Patients

By Michael Hart

Internal Data, Internal Solutions: Using Clinical Analytics for AI Model Validation

Boonn   Messinger   Kim

Along with increased optimism for the potential benefits of artificial intelligence (AI), one of the key takeaways from last year's RSNA meeting was the need for solutions that address the practical and technical challenges to clinical adoption of the technology without adding administrative burdens. Radiologists are looking for those solutions this year.

AI model validation is the next key challenge now that commercial diagnostic and workflow optimization algorithms available on some AI marketplaces are integrated with PACS and the radiology reporting solutions. Instead of seeking new validation-specific tools, radiologists and researchers are turning to a clinical analytics solution already used for data mining and radiology performance and quality improvement.

Three factors drive the unlikely combination of clinical analytics and algorithm validation. First is the need to test algorithms against internal patient data while keeping that data safely on site. Second is the impracticality of requiring radiologists and radiology groups struggling with burnout to sift through huge volumes of radiology exams to extract that data. The third is the nature of machine learning algorithms themselves.

"AI models can be brittle," said Woojin Kim, MD, chief medical information officer for Nuance Communications. "If you take

a model that's trained at one hospital, then take that model and deploy it at another institution with different scanners, protocols, or patient demographics, that model might not perform as expected."

Machine learning algorithms are also subject to concept drift and data drift, where performance may decline over time because of unexpected anomalies, relationships, or changes either in training data or new data. "That requires continuing surveillance of AI model performance using internal data," Dr. Kim said.

Model validation should not be a barrier to adopting AI to automate repetitive tasks and optimize workflows, said Jonathan Messinger, MD, chief of radiology at South Miami Hospital, FL. "Additional responsibilities placed on physicians certainly are a factor in burnout. We need solutions that give us more time to collaborate with our physician colleagues and be in front of patients," said Dr. Messinger, who is also a clinical professor of radiology at the Herbert Wertheim School of Medicine at Florida International University in Miami and medical director of imaging informatics at Radiology Associates of South Florida and the Baptist Health System.

One validation solution is Nuance's mPower Clinical Analytics platform. It uses advanced text mining and natural language processing to extract needed data from
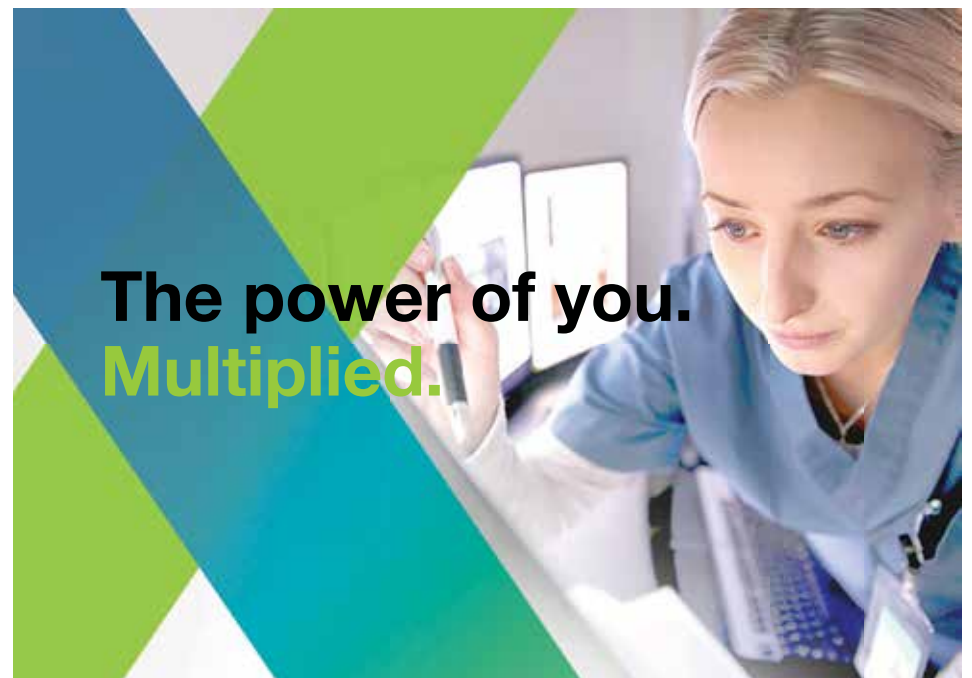
radiology reports automatically in far less time than manual methods. That makes it practical to create validation and surveillance datasets using the hospital's own data while informing continuous improvement programs. Data stays safely onsite or can be anonymized and shared with developers through the Nuance AI Marketplace to improve algorithm performance.

"Radiologists can feel confident testing algorithms from outside developers against their own data," said William Boonn, MD, chief medical information officer for

Nuance. "It also enables them to compare different algorithms for the same diagnosis to find the best match for their facility, or to select models that can optimize performance in specific clinical areas."

"Using clinical analytics for performance improvements while driving adoption of AI can have a tremendously positive impact on clinical and financial outcomes and physician burnout," said Dr. Boonn. "That's a real win-win for radiology."

Technical Exhibits At-A-Glance

Technical Exhibits Hours
10 a.m. – 5 p.m.

South Hall A (Booths 1000-5999)
North Hall B (Booths 6000-8599)
AI Showcase, North Building – Level 2
(Booths 10000-11999)

RSNA AI Theater Presentations
North Hall Level 2, Booth 10724
10:30 a.m. – 5 p.m.

3D Printing and Advanced Visualization Theater Presentations
North Hall Level 3, Booth 6563
2 - 3 p.m.

Innovation Theater Presentations
South Hall Level 3, Booth 4700
10:30 a.m. – 4 p.m.

Vendor Workshops
See Meeting Program for schedules and RSVP requirements

Dining:

Bistro RSNA
South Hall A and North Hall B
Buffet lunch served 11 a.m. – 2:30 p.m.

Café RSNA
South Hall A
Casual dining 11 a.m. – 2:30 p.m.

AI Café
North Building, AI Showcase – Level 2
Food carts offering sandwiches, tacos and smoothies

Bistro RSNA

Café RSNA

Welcome to RSNA 2019

RSNA is the world's largest medical imaging event where attendees come to meet the leaders shaping tomorrow, see the latest technology breakthroughs and experience the newest advances all in one place. With over 450,000 square feet of exhibition space and more than 700 leading medical technology manufacturers, suppliers and developers, there's more innovation and excitement in our Technical Exhibits Halls than ever before.

Sunday Presentations on the Industry's Latest Innovations, Research and Discoveries

RSNA AI Theater

North Hall Level 2, Booth 10724

10:30 – 10:50 a.m.
How to Enhance your Chest CT Interpretation with AI-powered QCT:
Presented by VIDA

11:00 – 11:20 a.m.
Japan's Startup Unlocking the Power of AI:
Presented by LPIXEL, Inc.

11:30 – 11:50 a.m.
How Subtle Medical Can Improve Operational Efficiency and Patient Satisfaction:
Presented by Subtle Medical

12:00 – 12:20 p.m.
Practical AI: How Is It Really Helping Patients Today:
Presented by Viz.ai

12:30 – 12:50 p.m.
iBiopsy® — Leveraging AI Technologies in Imaging to Unlock the Power of Precision Medicine:
Presented by Median Technologies

1:00 – 1:20 p.m.
Comparing Acceleration of MRI Brain Scans: Compressed Sensing and AI-assisted Image Processing Technologies:
Presented by Medic Vision

1:30 – 1:50 p.m.
Building Trust in AI from the Ground Up:
Presented by Koios Medical

2:00 – 2:20 p.m.
Practical Deep Learning for Breast Cancer Screening:
Presented by Kheiron Medical Technologies, Ltd.

3:00 – 5:00 p.m.
Jazz performance by the Chicago Diamond Trio

Vendor Workshops

Please refer to the Meeting Program for further information or for any RSVP requirements

FUJIFILM Medical Systems U.S.A., Inc.
South Hall, Booth 5147

GE Healthcare
South Hall, Booths 5135, 5140

Hologic, Inc.
South Hall, Booth 5119

Siemens Healthineers
North Hall, Booth 8563

3D Printing & Advanced Visualization Theater

North Hall Level 3, Booth 6563

RSNA 3D Printing Special Interest Group Presentations

2:00 p.m.
Category III CPT Codes for 3D Printing of Anatomic Models and Guides:
Andy Christensen, BS

2:15 p.m.
Scripting for Segmentation:
Todd Pietila, MBA

2:30 p.m.
3D Printing to Support Research:
Kari Boyce, PhD

2:45 p.m.
Leveraging 3D Printing for Surgical Simulation: Rami Shorti, PhD

Innovation Theater

South Hall Level 3, Booth 4700

10:30 – 10:50 a.m.
Imaging with a Vision: Providing the Fuller Picture With 2D/3D Imaging Solutions:
Presented by EOS Imaging

11:00 – 11:20 a.m.
Scenaria View: The next level in Community Hospital CT:
Presented by Hitachi Healthcare

11:30 – 11:50 a.m.
Myelin Detection and Quantitative Data in Clinical Routine:
Presented by SyntheticMR

2:00 – 2:20 p.m.
AI versus IA in Radiology: What's the Difference and Does it Matter?:
Presented by Elsevier

2:30 – 2:50 p.m.
Creating the Radiologist User Experience of the Future:
Presented by Intelerad Medical Systems

3:00 – 3:20 p.m.
The Future of Radiology: A.I. + H.I.:
Presented by BioMind

3:30 – 3:50 p.m.
Innovating the Future of Collaborative Imaging:
Presented by Vital, a Canon Group Company

Experience the Breakthrough Technologies and Products Transforming Health Care

AI Showcase
See the Driving Force Behind Ai
Sponsored by

zebra MEDICAL.VISION

North Building – Level 2

Attendees looking for the latest in AI solutions should plan to visit the newly expanded RSNA AI Showcase. Located in the North Building, Level 2, the AI Showcase features over 130 companies offering attendees the opportunity to experience AI software and product demonstrations, connect with industry leaders and see the possibilities of AI firsthand. Engage with exhibitors, participate in AI education, hands-on learning, and special engagement areas in this one-stop destination. Or, relax in the comfortable networking lounges.

RSNA AI Theater
Booth 10724

See AI in action with daily industry presentations on all the latest topics in AI, machine learning and deep learning in the RSNA AI Theater. Obtain the knowledge, training and networking opportunities you need to understand the role of AI in medical imaging. RSNA will also hold a series of presentations to highlight its work in AI and ways that members can work with RSNA on AI initiatives.

Stop by the RSNA AI Theater any time to discover our resources and educational opportunities, including the AI Challenge, AI webinar series, Spotlight Courses, AI Community and *Radiology: Artificial Intelligence*. Staff will also be available to answer questions on our RSNA tools that are enabling the practice of the future — RadReport, RadLex, IHE, Image Share and RadElement.

AI Hands-On Workshops
Booth 11536

New this year, industry sponsored AI Hands-on Workshops offer visitors an opportunity to engage with AI exhibitors and interact with their systems in a classroom environment. In 90-minute sessions, exhibitors will offer user training and product instruction. Attendees are encouraged to bring a laptop with keyboard to the workshops and reference the online program for any specific requirements.

RSNA AI Deep Learning Lab
Booth 10342

Now integrated into the AI Showcase, the RSNA AI Deep Learning (DL) Lab features four unique sessions developed by RSNA members focusing on using open-source tools for completing DL tasks. Sessions include an introductory course focusing on the basic concepts of convolution neural networks (CNNs), a data science session designed to do a deeper dive into data preparation and analyses, a session focused on the use of DL methods for image segmentation, and a session describing a recent advance of DL known as Generative Adversarial Networks. Attendees are invited to bring their own devices to begin completing actual tasks in DL. Sessions are repeated Sunday through Thursday.

3D Printing & AV Showcase & Theater
North Hall B, starting at Booth 6563

The newly expanded 3D Printing & AV Showcase and Theater has relocated to North Hall, Level 3, this year to support the widespread interest in 3D printing and mixed reality. This showcase and open-air theater features over 20 exhibitors and offers attendees the opportunity to interact with the latest technological breakthroughs and see different presentations from industry leaders on cutting-edge equipment and solutions. Sunday through Wednesday from 2- 3 pm, the RSNA 3D Printing Special Interest Group (SIG) presents on the latest research and innovations in 3D printing for medical applications. Visit the showcase to explore the companies and products leading the way in 3D printing, 3D software and augmented and virtual reality.

NEW Radiation Safety Zone
North Hall B, starting at Booth 8300

The Radiation Safety Zone is dedicated to the latest advances in radiation safety. Visit this one-stop destination to see safety-related products and services, including shielding, dose management and wearables. Engage directly with companies that can help you create a culture of radiation safety.

NEW Innovation Theater
South Hall A, Booth 4700

Enjoy a front row seat for the industry's latest product launches. The Innovation Theater features 20-minute presentations by exhibitors sharing their innovative products and advances in medical imaging.

Presentations are scheduled from 10:30 a.m. to 12 p.m. and 2 to 4 p.m., Sunday through Wednesday.

Startup Showcase
South Hall A, starting at Booth 2468

RSNA has partnered with MATTER to help discover the startups with the most innovative solutions in medical imaging. See how these companies are helping advance the rapidly changing world of radiology as they demonstrate emerging and inventive ways to improve your practice and enhance patient care. This dedicated area features 20 exhibitors and the latest breakthroughs in this exciting showcase.

NEW RSNA Startup Showcase Spotlight
South Building, Level 1, Room S101AB Wednesday, Dec. 4, 1 – 2:30 p.m.

Listen as companies from RSNA's Startup Showcase tell their stories and give insights into some of the world's most promising technologies.

First-Time Exhibitor Pavilion

1ST TIME EXHIBITOR

South Hall A, starting at Booth 1050

RSNA 2019 is the premier marketplace for the latest products and services in medical imaging. Keep up with the newest exhibitors at the annual meeting and see the latest in radiology from these innovative companies. The First-Time Exhibitor logo identifies other first-time exhibitors throughout the exhibit halls.

IR Zone

South Hall A, starting at Booth 3352

Interventional radiology is at the forefront of innovative medical care. Connect with companies focused on the latest product advancements in image-guided radiology. This dedicated area will make it easier for interventional radiologists to interact with companies offering products specific to their subspecialty.

Recruiters Row

South Hall A, starting at Booth 1029

RSNA 2019 is a great place to expand your job search. Prospective employers will be on hand in Recruiters Row to meet with candidates during the annual meeting. Use the lounge in this area for interviews or one-on-one meetings. Log on to RSNA's Career Connect to search for employers who will be on site and recruiting. Learn more at *RSNA.org/Careers*.

Publishers Row

South Hall A, starting at Booth 1000

Shop for educational publications and professional services from virtually every aspect of medical imaging. Also explore the work of top medical publishers offering the newest radiology education hot off the presses. Stop by the RSNA Publications booth to learn more about RSNA journal-related products and services, and meet the editors behind our world-class journals during Editor Meet and Greets.

You can also find a list of daily presentations, the exhibitor directory and floor plan online at *Meeting.RSNA.org* and on the 2019 Meeting App.

Shenyang MasTech Medical Device Co., Ltd.

BOOTH 3175

Disposables for Angiography and Interventional Radiology

Shenyang MasTech Medical Device Co., Ltd. is one of the leading Chinese medical device manufacturers for single-use contrast syringes and percutaneous transluminal coronary angioplasty accessories. Its leading products are MasTech-brand contrast syringes for digital subtraction angiography, CT angiography and MR angiography. They have a full range of syringes that fit in major power injector brands including Bayer Medrad, L-F, Nemoto and Medtron, etc. Their syringes have been CE-marked and further cleared by U.S. FDA in 2018. Now they are gradually moving on to the interventional radiology field and focus more on development of new interventional radiologic and cardiac devices including guidewires, micro-catheters and guiding catheters.

ClariPi, Inc.

BOOTH 11110

Discover CT Image Clarity with FDA-Cleared ClariCT.AI

ClariPi Inc., an AI medical imaging solution firm, has received U.S. FDA 510(k) clearance for its artificial intelligence (AI)-based CT denoising technology (ClariCT.AI). First debuted at RSNA 2018, ClariCT.AI uses a deep convolutional neural network, trained to work in a vendor-agnostic way, to reduce noise and enhance image clarity for low-dose and ultra-low-dose DICOM CT images. Trained with over one million patient images containing varying degree of noise for different body parts, its Clarity Engine separates image noise selectively while enhancing underlying structures thus providing clarity restored images. ClariPi believes that the clarity restored images have the potential to improve reading confidence of radiologists as well as to enable accurate analysis by computer-aided solutions for various imaging applications especially for low-dose lung cancer screening CTs.

contextflow

BOOTH 10419B

### contextflow: See Beyond a Single Case
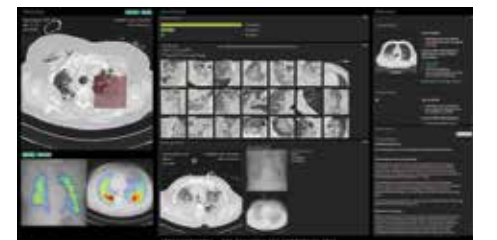
Facing increasing workloads, radiologists must choose between longer working hours or decreased time spent evaluating images. About 20% of cases require additional research from many sources, requiring up to 20 minutes with a questionable rate of success. contextflow revolutionizes the medical information search process with the help of deep learning: their 3D image-based search engine for radiologists looks for regions of interest within images (currently 19+ patterns in lung CTs); when a suspicious pattern is detected, they immediately find visually-similar cases, descriptions and relevant reference information, affording doctors easy access to knowledge currently hidden in large medical image data and their associated reports...all within seconds. No more paging through books, guessing the right keyword or consulting various text-based reference search engines. In addition, their software can be configured to allow for prioritization of time-critical cases. Lastly, they enable clinics to generate clinical value from existing data... within seconds.

Cure Metrix Inc

BOOTH 10115

Radiology Expertise + AI = Powerful Results
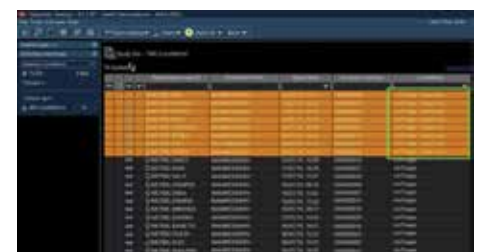
In health care, the top benefits of AI include more accurate diagnosis and increased efficiency, leading to clinical and financial improvements. These benefits are being realized today. CureMetrix, a health care technology company that develops AI-driven software for radiology, has received FDA clearance for its product cmTriage™, which helps radiologists sort their worklist, prioritize suspicious cases and optimize workflow.
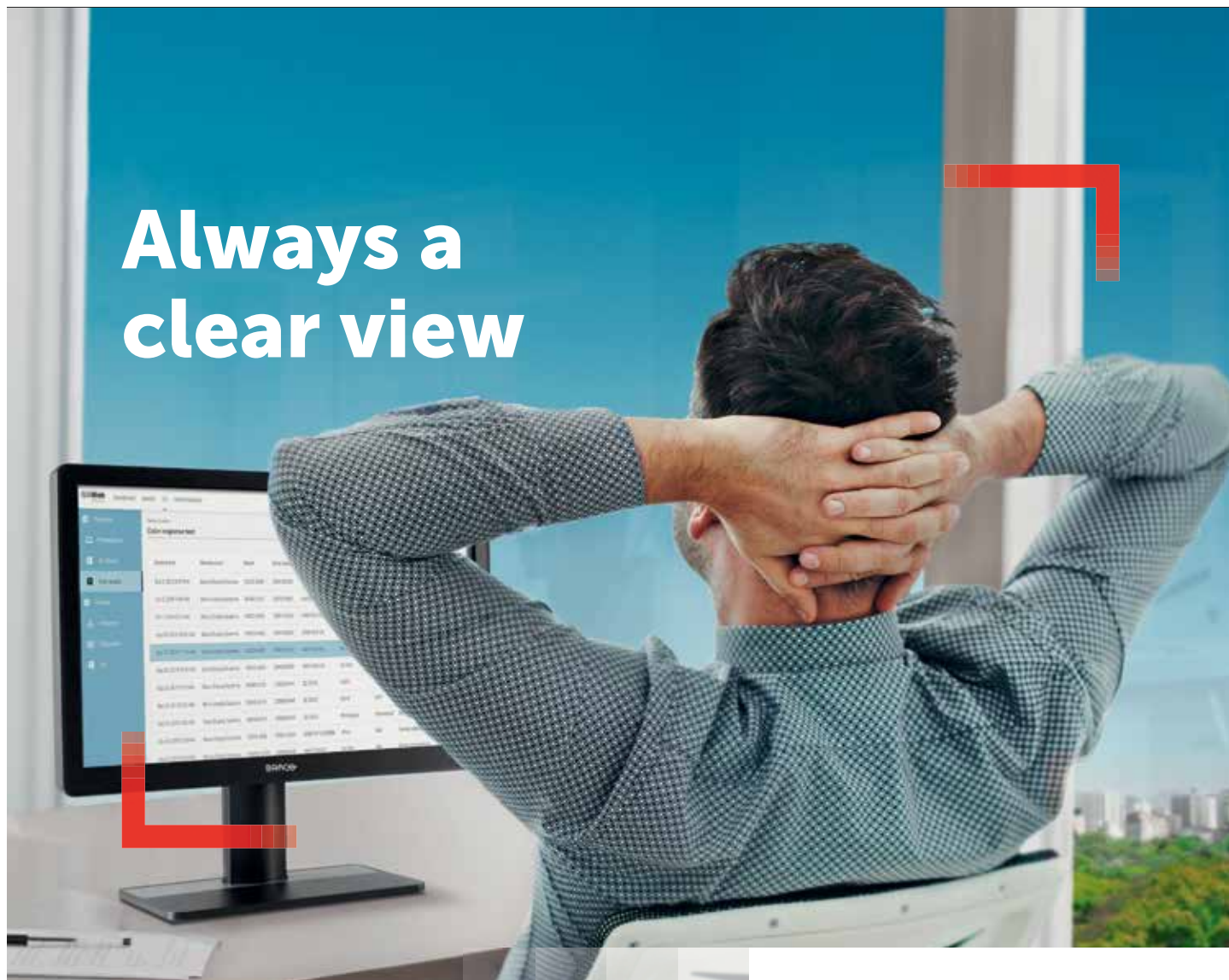
CureMetrix is currently conducting studies across the globe to expand its AI solutions to help identify, mark and score anomalies in breast cancer screening. In studies published in the Journal of Digital Imaging, CureMetrix cmAssist® was able to demonstrate the ability to find cancers up to six years before first detection, and help radiologists improve their breast cancer detection rate on average 27% without increasing recall rates.

HeartVista Inc
BOOTH 11137

The Future of Imaging is Here

HeartVista provides the first and only AI-assisted cardiac MRI solution. HeartVista's FDA cleared software integrates seamlessly with existing MRI scanners and uses artificial intelligence to guide scans. With a single click, HeartVista's software can aid the performance of a complete cardiac exam. HeartVista's software can also reduce the number of breath holds required for a scan, thus increasing access for individuals with health constraints and reducing discomfort. Clinicians can remotely monitor exams in real-time. Technologists can perform scans with confidence and reliability. In addition, HeartVista's AI-driven RTHawk Research software-development platform enables researchers to create pulse sequences, implement advanced reconstruction algorithms, integrate third-party devices, design image-processing pipelines, and incorporate custom deep learning models directly into the processing pipeline.

Imalogix
BOOTH 3002

Transform Your Imaging Performance

Imalogix is the first cloud-based end-to-end image management and analytics solution that uncovers specifically where and how to improve imaging. This proprietary approach to true dose management enables you to optimize clinical and operational performance across your enterprise, combining human and machine intelligence to redefine health care delivery. Imaging data are transformed into knowledge so you can systematically improve workflow, quality and safety—all while lowering cost. Imalogix uses artificial intelligence processes fueled by deep learning to assess the performance of your technologists, scanners and protocols. As a result, you can discover educational opportunities to increase efficiency, improve patient safety and deliver care more consistently. Feel confident in your

organization's ability to make proactive and predictive decision-making to lower risk, drive growth and evolve the standard of care with the unique Imalogix platform.

LPIXEL Inc
BOOTH 11703

Transforming Image Analytics with AI

LPIXEL is a University of Tokyo spin-off dedicated to transforming life science research and medical diagnosis with powerful AI technologies. LPIXEL presents "EIRL aneurysm," the first deep learning-powered image analysis software for brain MR angiography to land approval from the Pharmaceuticals and Medical Devices Agency (PMDA) in Japan. LPIXEL successfully secured approval in September 2019, and EIRL aneurysm is currently available for clinical use in Japan. EIRL aneurysm is characterized by its ability to support the image interpretation process by identifying candidate points in brain MR angiography that contain features similar to the sac-like structure of aneurysms larger than 2 mm in size. Its full compatibility with DICOM creates a seamless workflow that enables the analysis results of the software to be delivered straight to the radiologist's workstation. LPIXEL aims to expand its portfolio of diagnostic solutions targeting the lungs, breasts, colon and more.

Lunit
BOOTH 10732

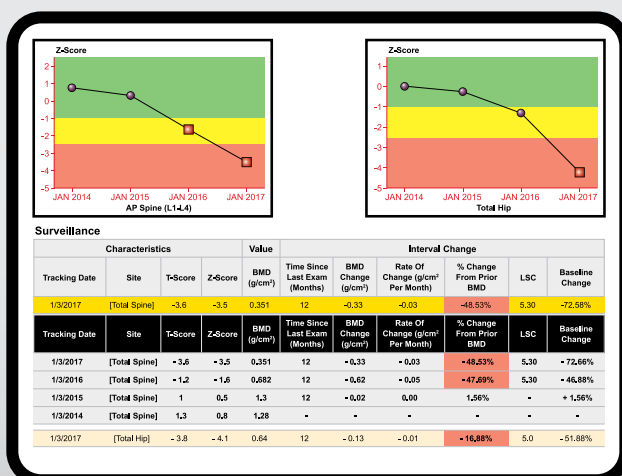### AI-Powered Precision Screening

Lunit is a medical AI software company devoted to providing AI-powered total cancer care. Lunit AI solutions help discover cancer and predict cancer treatment response, achieving timely and individually-tailored cancer treatment.
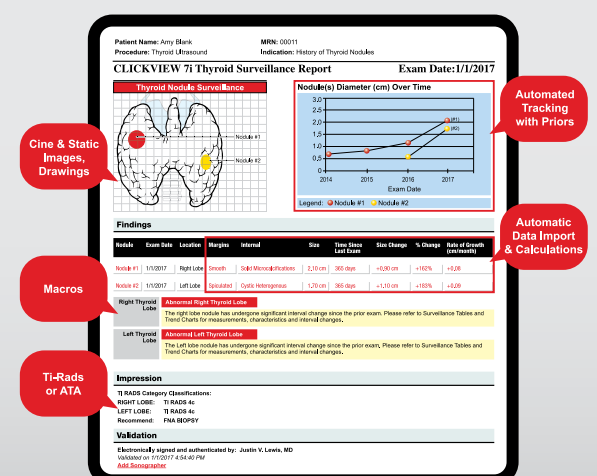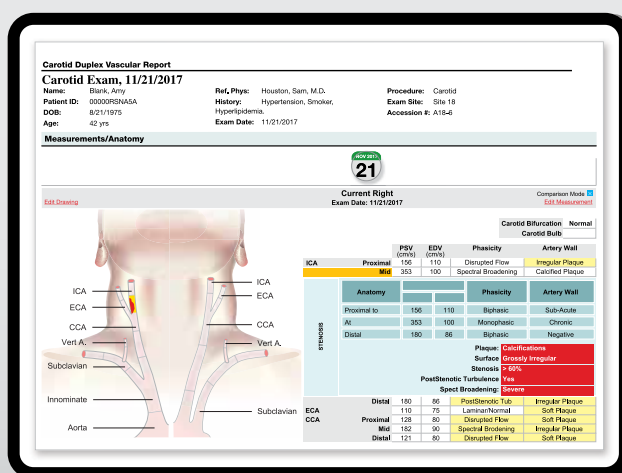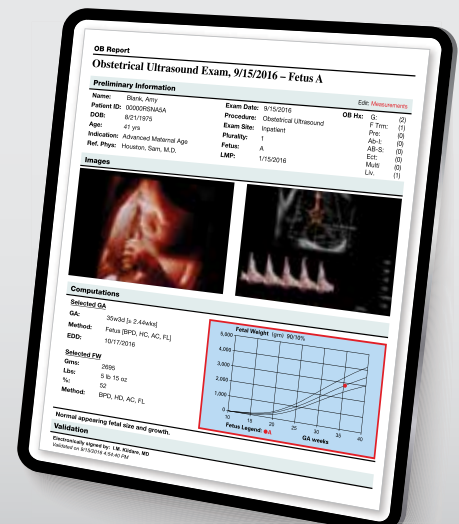
With the help of AI, Lunit seeks to reduce medical costs and prolong survival. In cancer diagnosis, Lunit currently has AI software products for chest and breast radiology, *Lunit INSIGHT*. These are aimed to assist the radiologist by providing accurate detection of suspicious findings in chest X-ray and mammography. The software is available for free online demo where anyone can upload their DICOM images and get instant AI analysis results. It has attracted global users from more than 80 countries, analyzing more than 2 million cases worldwide. Founded in 2013, Lunit has been internationally acknowledged for its advanced technology and its application in medical images.

Zebra Medical Vision Ltd
BOOTH 10527

Transforming Patient Care with AI1 Solutions

Zebra Medical Vision provides the All-In-One (AI1) Solution—access to an ever-growing number of AI solutions, integrated into radiologist workflow at an affordable, fixed annual fee. Zebra-Med's platform allows health care institutions such as Intermountain Health, University of Virginia and Apollo hospitals to identify patients at risk of disease and initiate preventative treatment pathways to improve patient care. The company's AI solutions analyze millions of clinical images in real time, detecting various medical indications, and alerting the relevant stakeholders in hospital or clinic. The AI1 bundle offering ranges from the Bone Health package, enabling detection of vertebral compression fractures, to oncology solutions that identify suspicious lesions, to the world's first multi-modality triage AI solutions for mammography, CT and X-rays that alert at the point of care.

Healthcare Administrative Partners
BOOTH 8239

Radiology Billing Services

Healthcare Administrative Partners (HAP) empowers hospital-employed and privately-owned physician groups to maximize revenue and minimize compliance risks despite the challenges of a complex, changing health care economy. Specializing in radiology, HAP goes beyond billing services, delivering the clinical analytics, practice management, and specialized coding expertise needed to fully optimize your revenue cycle. Since 1995, providers have turned to HAP as a trusted educator and true business partner.

Campo Imaging
BOOTH 4780

Precision 128-Slice CT System

Shenyang Campo Medical Imaging Technology Co., Ltd is an innovator in the field of high-end medical equipment in China. The professional and international core research and development team is headed by Dr. Yu Zou, focusing on production and sales of medical imaging equipment including CT and digital radiography. Campo's Precision 128 CT system is Completely developed by Campo Imaging, with high quality images and stable performance to achieve accurate diagnosis. Ultra-high-resolution P-axial image reconstruction makes lesions' details clearer. Dual-energy alternate scanning provides more imaging information. 60kVp ultralow dose, P-Dose 3D precise MMA modulation and Care Intelligent organ protection scanning creates the low-dose care program for each patient. Meanwhile, P-IR reconstruction ensures high-quality images. In addition, Precision 128 Max CT has Cardiovascular imaging function, which realizes coronary artery CT angiography scans.

Gammex Inc
BOOTH 2100

Innovative Solutions for Diagnostic Imaging

Improve patient care across all modalities with the right partner and tools. Gammex, a Sun Nuclear Company, provides industry-leading solutions for diagnostic imaging quality assurance with phantoms for CT, mammography and ultrasound applications. CT solutions on display include the Mercury 4.0 Phantom used to characterize the Automatic Exposure Control system you rely on, Multi-Energy CT Phantom for ensuring performance of multi-energy scanners and Advanced iqModules™ for comprehensive image quality testing. Mammography solutions featured include the Mammo FFDM™ Phantom for testing Full Field Digital Mammography and the Mammo 3D™ Performance Kit for Tomosynthesis QC in support of IEC 61223-3-6 (ED1) tests. Visit Gammex for a demo of the new RapidSIM™ software for automating your diagnostic workflow. Solutions for ultrasound, digital radiography, computed radiography and fluoroscopy will be featured as well.

Neusoft Medical Systems Co Ltd
BOOTH 4719

512-Slice CT Scanner: Broadening Your Possibilities

Neusoft Medical Systems is excited to introduce the NeuViz Epoch, a 512-slice CT scanner, incorporating breakthrough artificial intelligence (AI) technology. Organ-specific AI algorithms identify the anatomy for precision scanning. With AI, exams are optimized to specific patient conditions. Combining AI technology with iterative reconstruction software and 60kV scans further reduces patient dose. The result is consistency in clinical outcomes. The newly designed 56cm detector covers the entire heart, minimizing the need to move the table. Cardiac exams are scanned with just one beat, utilizing ultra-fast 0.259s rotations with a temporal resolution of 25ms. Brain and body perfusion exams also cover the entire anatomy, ensuring complete coverage. Table toggling technology enables coverage for the most challenging exams, broadening your possibilities in this era of AI innovation. *510k pending.*

LAITEK Inc
BOOTH 8341

Supporting Imaging Data Migration and Beyond

Because migration does not end once studies have been transferred from one system to next, Laitek's Atrium Suite offers a wide array of tools that deliver long-term solutions. Founded and operated by imaging industry veterans, Laitek has been a trusted expert in health care imaging data since 1980. Laitek continues to lead the way in rapid PACS data migration, supporting clients beyond migration with comprehensive imaging data solutions. Laitek utilizes decades of frontline expertise to deliver complete rapid data migration and storage systems, software, and services to PACS vendors and health care facilities of all sizes. Laitek's industry leadership and knowledge of DICOM and HL7 standards, combined with specialized engineering development expertise, enables the team to provide fast, accurate migration and storage solutions for clients, allowing them to deliver the finest health care available.

AFC Industries Inc
BOOTH 1701

Ergonomic, Accessible, Customized Radiology Workstations

AFC Industries takes the science of ergonomics seriously. Since 1994, AFC Industries has been at the forefront of ergonomic furniture design, developing and manufacturing ergonomic radiology reading workstations, height-adjustable computer workstations, mobile and disability-friendly workstations, dual tier and single tier desks, carts, wall-mounted computer systems, IT racking systems, security consoles, control room furniture, and accessories. AFC engineers are always available to assist with ergonomic furniture design elements and will tailor the specifications to your needs and requirements. All manufacturing is done in the United States. At its New York factory, AFC has its own wood, metal, and paint shops, and units are delivered fully assembled, saving you time and effort. Desk frames are built using 11 gauge cold-rolled steel for the utmost durability. AFC also offers a warranty and available maintenance contracts.

Cordtec Power Corp.
BOOTH 8245

Medical and IT Mobile Station Power Solutions

Cordtec provides power solutions to different medical, hospital, clinic, and IT-related products and devices. Cordtec has built a competitive reputation in the power connection market with customers like Lund, Howard, Ochsner, and Anatomage. It is Cordtec's mission to provide customers with a unique product tailored specifically to their needs. Cordtec is dedicated to supplying you with reliable products, attention to detail, and customer service. Connection solutions are offered at a competitive price by a qualified team of sales engineers dedicated to serving customers 24/7. Cordtec's products have gained major certifications including C/UL. The company strives to give customers the best experience from inquiry to completion when building their customized and original equipment manufacturer or bulk product orders. Cordtek also offers storage for overstock items in their Wisconsin warehouse.

Technical Exhibits Hours

Sunday–Wednesday . . . . . 10:00 a.m.–5:00 p.m.
Thursday . . . . 10:00 a.m.–2:00 p.m.

South Hall A (Booths 1000–5999)
North Hall B (Booths 6000–8599)
AI Showcase, North Building—Level 2 (Booths 10000–11999)

CoapTech

BOOTH 3452

Ultrasound Gastrostomy Product Expands the IR Toolbox

The PUMA-G System is CoapTech's flagship product, delivering a new method of gastrostomy. The PUMA-G System enables ultrasound visualization of the stomach to identify a safe window for gastrostomy tract creation, without using ionizing radiation. Utilizing your existing ultrasound equipment, it employs readily available medical devices such as guidewires and balloon catheters to allow for over-the-wire feeding tube placement. Gastrostomy procedures are often non-emergent and frequently bumped from the schedule to accommodate other procedures, potentially leading to delays in care and additional time spent on care coordination. With its independence from fluoroscopic visualization, the PUMA-G System enables prompt feeding tube placement, in the suite or at the bedside. Ultrasound gastrostomy at the bedside allows for placement while the IR suite is turning over for higher reimbursement procedures. It eliminates the inefficiencies in clinical practice and utilizes your existing training in ultrasound. The PUMA-G System is FDA cleared.

XpectVision Technology

BOOTH 6535

Photon-Counting Digital Mammography

XpectVision Technology is a leading manufacturer of photon-counting X-ray detector and develops innovative medical imaging systems. Their XcellentVision Mammography is a full-field digital mammography system that employs a photon-counting X-ray 2D-array detector, enabling fast acquisition and excellent high-contrast and high-resolution images at low radiation dose. XcellentVision's photon-counting detector takes advantage of X-ray quantum by counting photons one by one, allowing the benefits of high spatial- and contrast-resolution, high signal-to-noise ratio and wide dynamic range. The company's 2D-array detectors are manufactured using a standard microelectronics fabrication process at low production costs. The detector is robust and humidity- and temperature-tolerant, requiring minimal operational and maintenance cost.

LMT Medical Systems GmbH

BOOTH 4757

LMT Medical Systems GmbH is where MR imaging meets neonatology

The MR diagnostics incubator system nomag® IC ADVANCED allows newborns and premature babies to be transported directly from the NICU into the MR suite for examination by optimal, non-invasive MR imaging. The baby is protected inside the life-sustaining, temperature- and humidity-controlled MR incubator throughout the entire transport and MR examination. In the new generation, the MR diagnostics incubator system nomag®IC ADVANCED, LMT Medical Systems GmbH has brought functionality many steps forward. Patient access and noise protection in the MR scanner were improved, with a wider patient bed and reduced overall weight of the incubator. The nomag®IC ADVANCED is compatible with the devices of leading MR imaging manufacturers. It can be easily attached to the corresponding MR imaging devices. The functional reliability has been officially tested and approved.

IMAGE Information Systems Europe GmbH

BOOTH 6910

Zero-Footprint Multisite RIS

IMAGE Information Systems is showcasing their HTML5-based radiology information system, iQ-WEB RIS. Featuring a complete new design derived from more than 15 years of RIS experience, this fully zero-footprint solution provides flexible RIS access out of the box. iQ-WEB RIS efficiently manages the radiology workflow of imaging centers and hospitals, even across multiple sites and different time zones. Due to its worldwide unique Workflow Editor, even the most complex workflows can be easily configured. Besides a modern GUI and database design, iQ-WEB RIS offers lots of valuable features such as advanced scheduling, flexible reporting, extensive statistics and secure access. It allows for cross-site planning, performing and remote reading of studies even over low bandwidth lines. Users benefit from the RSNA Radreport template library integration, having hundreds of structured report templates at their fingertips. A billing function for multiple countries is in preparation.

Infinitt North America Inc

BOOTH 3348

New PACS 7.0 Viewer

INFINITT, award-winning developer of enterprise imaging solutions, will be showing a faster, more powerful PACS viewer with enhanced features like lesion management and a visual timeline of prior exams that provides one-click access to prior images and reports. INFINITT PACS 7.0 also offers an advanced integration platform that enables single-click launching of TeraRecon Advanced Visualization packages and third-party AI, adding a higher level of sophistication in 3D/volumetric imaging and computer-aided diagnosis. INFINITT RIS now offers many new capabilities including Appropriate Use Criteria/Clinical Decision Support and Insurance Eligibility Verification. Enterprise Search capability enables you to query for similar cases in the PACS or VNA archive without disrupting reading workflow. Search by ordering physician, report creator, patient age, imaging modality, study description, date range and other categories. The system includes optional modules for mammography with tomosynthesis support, business analytics, advanced communication tools, radiation dose management and more.

Royal Solutions Group LLC

BOOTH 8300

Patient & Provider Engagement, Financial & Operational Solutions

Royal Solutions Group is a leading provider of software and services to the healthcare industry. Royal's suite of solutions focus on patient, provider, operational and financial workflows that optimize engagement in all areas of patient care – Royal Enterprise Care Management. Solutions include: Royal Clinical™ for enterprise scheduling, clinical and medical records workflows; RoyalPay® for eligibility, authorization, estimation and payments; RoyalPM™ for enterprise billing and practice management; Royal Kiosks™ for paperless on-site and remote registration, clinical forms, all mobile accessible; RoyalMD® for a complete referral toolbox, including clinical decision support; Royal Patient Portal for complete patient access; Royal Alerts™ for robust notifications and engagement; Royal Analytics™ for robust and customizable dashboard reporting; Royal Forms™ for secure electronic surveys; ReportHUB™ and Report Guard® for encryption and interoperability. Our

leadership team offers industry experience in healthcare, technology, financial services and management consulting fields.

Carestream Health

BOOTH 7513

Enhanced Imaging, Simplified Workflow Solutions

Carestream will showcase its broad portfolio of 2D and 3D image capture and print solutions. These proven products are designed to fit specific budget, workflow and space requirements and can grow as needs change. Featured products include customer-requested ergonomic design and efficiency enhancements to the DRX-Revolution Mobile X-ray System and DRX-Evolution Plus System. The new Focus 35C Detector—combined with Image Suite Software—is the ideal, budget-friendly way to tap the power of digital medical imaging, providing a complete image acquisition, management and archive system. Also on display are Carestream's Dual-Energy radiography and Digital Tomosynthesis (DT). The Dual-Energy feature delivers excellent image quality and optimal dose efficiency for patients, producing two images for improved clinical review. DT simplifies workflow with a single sweep of X-ray exposures and provides enhanced detection of subtle features. *Focus 35C Detector is investigational and not for commercial sale. Dual-Energy radiography is ending FDA 510(k) clearance. DT is pending FDA 510(k) clearance.*

Culinda

BOOTH 1350

A Complete Holistic View into All Connected Medical Devices

The ability to have a live inventory of all medical devices is essential to the security posture of any hospital or health care system. Culinda provides a holistic and real time view into all medical devices on the network with its AI and machine learning platform. The system allows ease of management and enabling security across all medical devices and IoMT. Connected medical devices are often several years old before they are introduced into health care operations. As a result, the software and firmware they possess are outdated and unpatched. Culinda, a health care cybersecurity solution built by health care professionals for health care professionals. Vast experience and understanding of the health care industry and cybersecurity is what differentiates Culinda.

Qaelum
BOOTH 8303

DOSE Management by Qaelum Available in United States

Qaelum develops solutions to improve patient safety and quality in medical imaging all over the world. Their primary focus is patient radiation dose monitoring and management of medical imaging departments. Qaelum's products are vendor neutral, based on proven technology, and use well-known accreditation systems to help you work together and share insights. Qaelum operates globally, with offices in both the European Union and the United States and has local representation in key markets in Europe. Qaelum is also a certified software partner of the American College of Radiology Dose Index Registry. Qaelum's dose management platform, DOSE, is an advanced tool to automatically monitor, track and report the radiation dose that patients receive in multi-facility and multi-modality imaging environments. The platform allows for national and institutional benchmarks, and compliance with Joint Commission requirements, like monitoring fluoroscopy and peak skin dose. DOSE assists with maintaining patient safety and quality in medical imaging.

Visual Medica International LLC
BOOTH 1505

Technology Solutions for Medical Imaging

The mission of Visual Medica is to offer high-quality, cutting-edge medical imaging software to diagnostics centers, hospitals, and private practices. Visual Medica's product portfolio includes an array of applications that embody innovation and are a great addition to any practice, hospital, or diagnostic center that wants to conform to electronic medical record standards. VM RIS unifies radiology information systems and organizes all patient care circuits with a simple and flexible interface, allowing each process to be performed easily and efficiently. VM PACS enables you to store, report and distribute DICOM studies from all forms of institution on a centralized server.

Technical Exhibits Hours

Sunday–Wednesday . . . . . 10:00 a.m.–5:00 p.m.
Thursday . . . . 10:00 a.m.–2:00 p.m.

South Hall A (Booths 1000–5999)

North Hall B (Booths 6000–8599)

AI Showcase, North Building—Level 2 (Booths 10000–11999)

X-RAY

Del Medical
BOOTH 3900

High Quality, Innovative Radiographic Systems

Del Medical is the largest privately-owned United States manufacturer of innovative radiographic solutions. Throughout its 90-year history, Del Medical's philosophy has remained focused on customers, with safety, quality, comfort, and workflow efficiency in mind. At Del Medical, quality and performance are at the forefront of every new system and feature. This philosophy results in products and services that provide fast, accurate diagnoses to improve treatment and enhance patient care. Radiographic solutions include overhead, floor mounted, and R&F radiographic suites, mobile DR systems and C-arms, DR and PACS. New this year are the OTC18S, a cost-effective automated stitching room, and DelWorks LLI, a monolithic DR for single-exposure long-length imaging. Del Medical's extensive portfolio of digital and analog imaging systems, components, and accessories is available worldwide, and products are serviced through its network of factory-trained, certified distributors.

Wolf X-Ray Corporation
BOOTH 1500

Radiation Barriers and Protective Shields

Since 1928, Wolf X-Ray has been a leader in innovative radiology supplies. The newest addition to the Wolf line is their ceiling-mounted radiation protective shields with articulating suspension arms. Wolf also has an extensive fleet of mobile and stationary radiation barriers, including the new portable My Shield™. The company offers a fine selection of radiation protection aprons for radiology professionals. Wolf's new DR panel protector is transparent for ease of positioning, holding up to 750 pounds to keep your sensor panels well protected. Wolf's newest positioning device for cross-table lateral images is the Fold & Store™. This product features a patented rack and pinion adjustable bracket that can be fine-tuned down to 1 millimeter to accommodate any sensor. This product can be folded down from 11.5 inches to 3.5 inches, allowing it to be to be stored in a drawer or hung on a wall with its keyhole cutouts.

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.