

Technical Exhibits Focus

Explore the Future of Radiology at the RSNA Technical Exhibits

Nuance Communications Develops Powerful AI Tools

By Michael Hart

In today's evolving healthcare ecosystem, clinicians are adapting to changing payment models and the collaborative approach those changes demand. As part of this evolution, radiologists need to proactively review and redefine their roles.

New strategies and tools will be required of healthcare professionals as they migrate from their figurative silos to a more collaborative environment, and adjust to the demands of value-based care, doing more with fewer resources.

Among those tools, said Tarik Alkasab, MD, of Massachusetts General Hospital and Harvard University, will be artificial intelligence (AI).

"Radiologists really see hundreds of patients each day. Artificial intelligence tools can be an aid in automatically detecting and picking up on things and then documenting them," Dr. Alkasab said.



Alkasab

While AI is quickly becoming a topic of conversation in healthcare, Dr. Alkasab and Woojin Kim, MD, chief medical information officer for Nuance Communications, both said there are misconceptions about it.

"Some have tunnel vision when it comes to AI in radiology," Dr. Kim said.

He noted that when you attend radiology conference sessions associated with AI, they typically focus on image characterization, such as "detecting pulmonary nodules and intracranial hemorrhage."

In fact, Dr. Kim pointed out, "there is a much greater role that AI can play."

But, he explained, few people are aware of how artificial intelligence is already at work in every facet of their lives.

"They are surrounded by AI that does so many great things for them and they're not even aware that AI is doing it for them," Dr. Alkasab said.

With so much information and data that can be measured and with so many more partners to share it with, he said, "A radiologist is going to become a radiologist-plus."

"The job is going to be bigger, but it's going to be a job that radiologists can handle because they're doing it with the help of all these artificially intelligent assistants who are swooping in at just the right moment."

Every component of the imaging value chain — be it patient scheduling, protocol optimization, modality operations, image interpretation, actionable report creation, communication of findings to referring clinicians and patients, quality assessment, or patient safety and follow-up — will be augmented by AI.

Both doctors acknowledge that much of the promise of AI remains in the future, but the very near future. The algorithms that propel AI to assist radiologists are still being written.

"Radiologists have long been trailblazers of technology in healthcare," said Karen Holzberger, vice president and general manager of the diagnostic solutions division at Nuance Communications. "As early

adopters, they have embraced innovations that improve their practice, enhance care and deliver better outcomes, starting with the introduction of picture archiving and communication systems (PACS) more than twenty years ago.

"The latest advancements in radiology embrace the power of AI to improve

CONTINUED ON PAGE 6B

NUANCE

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VISIBLE OUTCOMES

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COMPUTED TOMOGRAPHY

CurveBeam

BOOTH 8308

InReach Imaging System for Hand, Wrist and Elbow

CurveBeam has received FDA 510(k) clearance for the InReach, a Cone Beam CT imaging system primarily designed for the hand, wrist and elbow. The InReach is the most compact cone beam CT system in its class. The InReach provides high-contrast 3-D datasets of bony anatomy, which could potentially replace radiographs as a first line of diagnosis. The InReach is self-shielded and plugs into a standard power outlet. Scan times are less than 25 seconds.



Safe and ClearView as standard features. It enables metabolic imaging with multiple energy levels using innovative rapid kV switching technology. Clinicians have the power to efficiently acquire and post process high quality cardiac examinations with Neusoft's cardiac analysis software package and the fastest rotation speed in the industry – 0.259 seconds. Also, workflow is improved with fast, powerful scanning due to a liquid-cooled bearing x-ray tube.

Pearl Technology AG

BOOTH 1751

CT HeadFix, Integrated, Fast and Hygienic

The Pearl Technology CT HeadFix offers an integrated, fast and hygienic positioning solution for the fixation of the head in the CT head holder. Especially in emergencies, CT scans must be fast, which is not easy with traumatized and disoriented emergency patients or acute, open wounds that require the utmost in standards of hygiene. CT HeadFix is designed to maximize workflow efficiency through increased patient stability, easier handling, excellent hygiene and optimum patient comfort, all leading to better imaging results and fewer repeated exams. CT HeadFix is the latest product of Pearl Technology AG, Swiss manufacturer of patient positioning and immobilization aids. Pearltec products are based on an innovative technology providing optimum individual fixation of patients.



Gammex, Inc.

BOOTH 7707

Next Generation CT QA Solutions

Computed tomography QA is critical in supporting accurate screening, diagnosis and monitoring, as well as radiation



therapy treatment planning. Gammex, a Sun Nuclear company, has been providing CT QA tools for more than 40 years.

Recent advancements in CT have introduced leading edge QA features, such as automatic exposure control. Other new CT technologies, like iterative reconstruction, alter the traditional relationships between CT parameters, making traditional QA metrics less applicable. In response to these emerging technologies, Gammex, in collaboration with Duke University, developed the Mercury 4.0 Phantom. It provides size-dependent image quality evaluation and advanced image quality assessment techniques, including task-based metrology. It also offers performance evaluation of iterative reconstruction techniques and automatic tube current modulation techniques.

Neusoft Medical Systems Co., Ltd.

BOOTH 2538

Neusoft NeuViz Prime



Neusoft Medical Systems announces the latest Neusoft value-based innovation, the NeuViz Prime. Based on the popular NeuViz 128 platform, the NeuViz Prime achieves the lowest dose possible with best in-class suite of dose reduction tools including autokV and Neusoft's Organ

CONSULTING SERVICES

Health Match BC

BOOTH 3173

Professional Recruitment Service

Looking to match lifestyle with exciting career opportunities? Health Match BC is a free health professional recruitment service funded by the Government of British Columbia (BC), Canada. Register with Health Match for guidance through licensing and immigration procedures and assistance matching skills and interests to job vacancies. Health Match BC provides information about communities of interest and connects those looking for new opportunities with prospective employers and/or regional health employers. Health Match BC can identify education and real estate options, and facilitate spousal employment in regions of interest.

DICOM

LEAD Technologies

BOOTH 7708

Zero-Footprint Medical Viewer



The LEADTOOLS HTML5 Zero-footprint Medical Viewer is an OEM-ready web application that provides a platform-independent solution to display DICOM studies for all medical disciplines and modalities. The fully customizable application is a powerful collection of JavaScript libraries and web services, and is perfect

for any developer or integrator who needs a fast, lightweight DICOM viewer solution without sacrificing any features.

Using LEADTOOLS, any department or specialty can view DICOM images in their preferred layout from a local archive or third-party PACS, and share studies with a third-party using vendor-neutral DICOMweb and DICOM messaging standards. New features in v20 include logging and verification functionality added to the vendor-neutral DICOM Hanging Protocol support with many pre-set and easily customizable layouts, MPR navigation, WADO Support, multi-study reference lines and synchronized stacking, sorting, cine, and more. Further enhancements add DICOM structured display, multi-study FOV matching, predefined window level, study timeline, and display orientation.

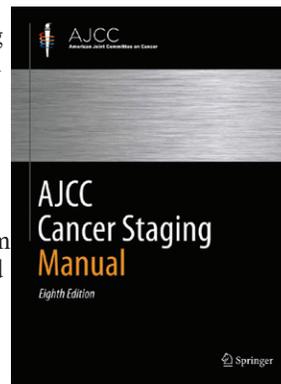
EDUCATIONAL PRODUCTS AND SERVICES

American Joint Committee on Cancer

BOOTH 1305

AJCC Cancer Staging Manual

The AJCC Cancer Staging Manual is used by physicians and healthcare professionals throughout the world to facilitate the uniform description and reporting of neoplastic diseases. Proper classification



and staging of cancer is essential for the physician to assign proper treatment, evaluate results of management and clinical trials, and to serve as the standard for local, regional and international reporting on cancer incidence and outcome. The eighth edition AJCC Cancer Staging Manual remains the gold standard reference for oncologists, surgeons, pathologists, radiologists, cancer registrars and medical professionals world-wide to ensure that all those caring for cancer patients are fully versed in the language of cancer staging. This edition brings together all the currently available knowledge on staging of cancer at various anatomic sites. In this edition, evidence-based TNM staging is supplemented, as appropriate, by selected molecular markers and newly acquired insights into the molecular underpinnings of cancer.

International Society for Magnetic Resonance in Medicine

BOOTH 1306

ISMRM-RSNA Workshop on High-Value MRI



Plan to attend the co-provided ISMRM-RSNA Workshop on High-Value MRI at the Capital Hilton, Washington, DC, USA, Feb. 18-20, 2018.

This workshop will explore and expand the view of MRI in healthcare, including economics and how one can measure the value of imaging; the changing nature of payment mechanisms and how this influences the incentives around diagnostic imaging; methods to improve the value of MR imaging (including both technical and procedural innovations); and opening up the scope of use for MRI to improve the diagnostic pathway in individual patient management.

The program will feature a diverse group of experts in clinical diagnosis, technical innovation, and administrative and reimbursement mechanisms. It will also include invited presentations, proffered papers, poster presentations, and panel discussions on the clinical utility of technical solutions, best chances for meaningful change, and industry perspectives on what is needed for value.

FULL EXHIBITOR LISTING

To see complete company profiles and product information, visit meeting.rsna.org/exhibitor/

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

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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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FLUOROSCOPY

BLOXR Solutions

BOOTH 6211

Radiation Protection

XPF® Radiation Protection Shields provide scatter radiation protection that is equivalent to 0.5mm Pb, but will not crack, fracture or fail from pinholes. The patented bilayer provides protection at almost half the weight of lead and is backed by a three-year warranty. Available in lightweight aprons, skirts/vests, thyroid collars and caps as well as patient shields and ponchos. All XPF products are extremely durable and can be wiped down for cleanliness or put in the washing machine and dryer. Unlike other aprons, XPF uses no heavy metals so there are no special requirements for disposal.



FURNITURE

Xybox Systems Inc.

BOOTH 6809

Height-Adjustable Ergonomic Imaging Desks

Xybox is an industry leader in height-adjustable ergonomic imaging desks for radiologists and healthcare professionals. Xybox designs, builds and implements ergonomic furniture solutions. Everyone can improve their health and Xybox cares about making innovative furniture solutions that lead to better health.

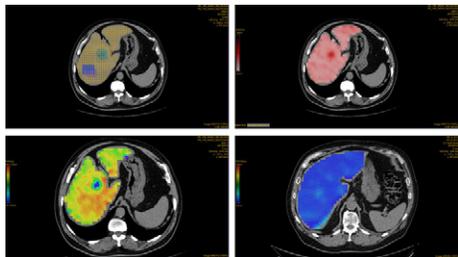


IMAGING SERVICES

Median Technologies

BOOTH 3203

iBiopsy® for Imaging Phenotyping



Since 2002, Median Technologies has been expanding the boundaries of the identification, interpretation, analysis and reporting of imaging data in the medical world. Median is at the heart of innovative imaging technology with oncology-focused Lesion Management Solution (LMS) software and iBiopsy® for imaging phenotyping.

iBiopsy is a high-throughput, comprehensive, accurate, end-to-end image retrieval and analysis platform for large scale extraction of imaging biomarkers and phenotypic signatures. Based on state-of-the-art "big-data" architecture highly optimized for automated phenotype indexing and real-time analysis, iBiopsy uses deep-learning technology to detect and classify signatures from validated databases.

Resonance Technology, Inc.

BOOTH 2938

Entertainment Inside the MRI Suite

The CinemaVision is an audio/video patient comfort entertainment system which can be used inside the MRI suite. It provides multiple video source options from standard television, DVD, CD, AM/FM, and also AUX inputs, while offering two-way communication and dramatically reducing MRI gradient noise. The headset and video visor combination fits completely within the MR head coil and operates seamlessly inside the magnet bore with no detrimental effects on signal/noise. The CinemaVision transports patients to a breathtaking world of immersive entertainment by combining fully-digital video and symphonic-quality audio.



INFORMATION SYSTEMS (RIS & HIS)

medQ – Vaso Healthcare IT

BOOTH 3947

End-to-End Workflow Partnership

medQ and VasoHealthcare IT have joined forces to provide a seamless, fully featured end-to-end imaging workflow combining the Q/ris 3000 EHR based software and the GE Centricity UV100 PACS and archive with both the Universal Viewer and Zero Foot Print Viewer. This architecture was specifically designed with mid-market care providers in mind. The Vaso/medQ solution is a standards based imaging workflow including ordering, scheduling and technologist operations, through to automated report creation, image storage and report distribution and billing.

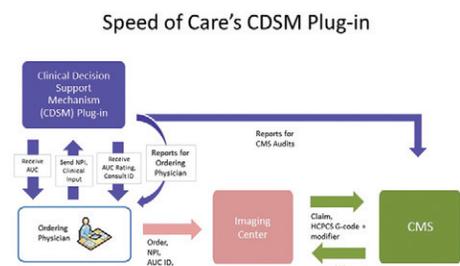
The Reporting PLUS+ software, designed by radiologists, is integrated with the GE Centricity UV100 PACS so that radiologists operate from a single worklist which automatically launches images in the new GE Centricity Universal Viewer, or workstation based fully certified Zero Foot Print Viewer.

The Reporting PLUS+ VR based dictation solution now has full Peer Review capability to automate the front end report selection and radiologist management. Once completed, results can be automatically sent to Rad Peer.

Speed of Care Decision Support

BOOTH 6201

Speed of Care Decision Support: CDSM Plug-in



The Speed of Care Decision Support CDSM Plug-in provides decision support at the "speed of care." This solution is easy to deploy, easy to integrate, easy to use, and meets all the provisions of the PAMA mandate that requires ordering professionals to consult appropriate use criteria for advanced outpatient imaging orders. The CDSM Plug-in is a web-based widget that easily integrates into existing

EHR/EMR, RIS, CPOE, referral or custom ordering applications. The CDSM Plug-in is best suited for system integrators or web developers responsible for upgrading their systems to meet the mandate.

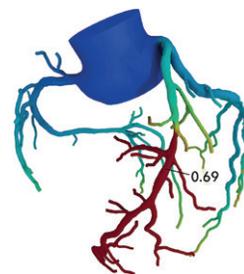
MACHINE LEARNING/COMPUTER-AIDED DIAGNOSIS SYSTEMS

HeartFlow, Inc.

BOOTH 3775

Non-Invasive Diagnostic Tool for Coronary Artery Lesions

HeartFlow, Inc. is transforming the way cardiovascular disease is diagnosed and treated. The HeartFlow FFR_{CT} Analysis is the first available non-invasive diagnostic tool that provides actionable information to aid clinicians in determining, vessel-by-vessel, the functional significance of coronary artery lesions based on both anatomy and physiology. Leveraging deep learning to create a personalized 3-D model of the patient's coronary arteries, the HeartFlow FFR_{CT} Analysis has the potential to improve both clinical outcomes and the patient experience while reducing the overall cost of care. To date, more than 15,000 patients have benefitted from the HeartFlow FFR_{CT} Analysis, which is commercially available today in the United States, Europe, Canada and Japan.



MAMMOGRAPHY

Beekly Medical

BOOTH 1605

Bella Blankets® Protective Coverlets for Mammography

Cancers that occur at the chest wall may not be visualized if breast tissue is missing from the image. 80 percent of Bella Blankets customers surveyed say they get more breast tissue on their images compared to years when they used nothing or another product on the receptor plate. Thin by design, Bella Blankets align with proper positioning initiatives to support MQSA's EQUIP guidelines by helping technologists get as close the chest wall as possible for improved visualization of pectoralis muscle and retroglanular tissue. The textured material helps immobilize "hard to position" breasts and prevents breasts from sticking to receptor plate to assist with obtaining an open IMF. New Vertical Channel Technology™ allows air to push out and release upon application, reducing air bubbles. Easy-lift PIK-UP™ tab allows for easy removal of Bella Blankets from the receptor plate without leaving residue.



Three Palm Software

BOOTH 7810

WorkstationOne for Mammography

WorkstationOne is software for radiologists to read mammography (and related) studies, and to generate corresponding reports. It provides an efficient workflow, along with expert tools. Digital images including breast tomosynthesis and projections, from all vendors, with any number

of priors, are supported. WorkstationOne includes capabilities for integration with existing PACS and reporting systems, so that it can be used to upgrade a site's capabilities (e.g., for tomosynthesis reading) while not disturbing existing infrastructure.

MRI

Aspect Imaging

BOOTH 2771

Embrace™ Neonatal MRI System



The Embrace™ Neonatal MRI system is the first FDA-cleared dedicated NICU neonatal MRI system. The Embrace enables safer imaging of vulnerable newborns, allowing medical staff and parents to be present during scanning. Preparation and scanning takes less than an hour. The Embrace System does not require a special safety zone or an RF-shielded room. Since the system is fully enclosed, medical device implants in close proximity to the system are not required to be "MR Conditional" or "MR Safe." The operating and maintenance costs of the Embrace are much lower than conventional superconductor MRIs due to Aspect's magnet technology which requires no cooling system and has low power consumption.

Kopp Development Inc.

BOOTH 1408

New Software for Ferromagnetic Incident Log Manager



Kopp Development Inc., the leading manufacturer of ferromagnetic detectors for MRI safety, is introducing new software for their Ferromagnetic Incident Log Manager (F.I.L.M.). The FerrAlert™ F.I.L.M. was designed to facilitate compliance with the new safety standards set by The Joint Commission and to assist with root cause analysis. This new software will allow users to easily sort unintentional versus intentional ferromagnetic objects entering the MRI room and create reports for TJC audits. FerrAlert detectors are recognized to be the most accurate ferromagnetic detectors for MRI, due to their unique, patented technology to detect and precisely locate the offending ferrous objects.

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.

FULL EXHIBITOR LISTING

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LMT Medical Systems GmbH

BOOTH 4761

MRI for Newborns and Pre-mature Babies

The MR Diagnostics Incubator System nomag® IC developed by LMT makes gentle and time-saving MRI examinations possible for newborns and premature babies. The nomag IC meets high neonatal requirements. The little patients lie protected and comfortable in the incubator. The incubator features, in addition to the 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 and a MR-compatible ventilation as well as an ambulance trolley.

QUALITY ASSURANCE/SAFETY CONTROL

Radcal

BOOTH 1529

Accu-Gold Touch

As a premier provider of diagnostic radiation test instruments, Radcal announces the release of a new line of stand-alone instruments, the Accu-Gold Touch Series. These measurement systems incorporate the largest capacitive touchscreen in the industry for a bright and straightforward user experience. In addition, the Accu-Gold Touch provides access to the full lineup of Accu-Gold sensors, the most extensive line of x-ray quality assurance sensors available. The Accu-Gold Touch Professional Series provides wired and wireless computer interfaces. Using the Accu-Gold Windows application users are able to access a rich set of advanced capabilities such as automated Excel-based reporting and waveform analysis. Current Accu-Gold system users should explore the Accu-Gold Touch conversion option.



RADIOGRAPHY

Shanghai PZMedical Technology Co. Ltd.

BOOTH 3971

Full Spine X-Ray Imaging

The ultra large flat panel detector A843B by Shanghai PZMedical Technology Co. Ltd. offers an image size of 107.5×43 cm with no stitching. The FDA-approved plate can be utilized as a wall-fixed or under-table configuration or interchangeably between a long table and wall bucky in a single DR bucky room. The A843B offers



the highest geometric accuracy for different applications, including leg length measurements, orthopedic surgery planning, full spine studies and emergency triage, when fitted to a trolley. When used in pediatrics, it offers the lowest dose imaging. It also can be used infield by the military, with a three-second injury assessment.

Zhuhai Rcan Vacuum Electron Co., Ltd.

BOOTH 3918

CT Tubes

Rcan Medical Imaging is a world leading manufacturer and solutions provider for CT x-ray tubes in China. With self-dependent innovation



and progressive technology, Rcan has been focusing on developing CT tubes for over ten years. New this year is the RX526 Insert /RH526 Tube, adaptive for 16 slice CT of various brands, including Philips MX16, Neusoft Neu Viz16, ANKE ANATOM 16, MINFOUND ScintCare 16 and United Imagine uCT510. Rcan also offers a replacement for Dunlee x-ray tube model CTR2150/DU5008. Rcan also has a non OEM designed CT tube with high vacuum technology, a better bearing protection system and technical parameters that are adaptive with the original design.

TECHNICAL EXHIBITION BOOTH KEY

South Hall A
Booths 1000 – 5999
North Hall B
Booths 6000 – 8599

SOFTWARE/IT SERVICES

Circle Cardiovascular Imaging

BOOTH 1854

Cardiovascular Post-Processing Software

Circle Cardiovascular Imaging develops highly accurate, versatile, robust, and intuitive cardiovascular post-processing software

for the viewing and analyzing of CMR and CCT images. Circle's role in clinical and research settings maximizes patients'



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achievable benefit by enabling healthcare providers to complete effective and precise analysis. Excellence in cardiovascular imaging and patient care is Circle Cardiovascular's highest priority. A plug and play software, cvi42 helps physicians analyze cardiac images in a single solution. In over 650 global sites, cvi42 was designed and tested with top practitioners to create more intuitive tools, efficient workflows and advanced assessments for better patient outcomes.

Prolucid Technologies Inc.

BOOTH 7161G

Securely Connect and Manage Medical Devices

Medical device customers can simplify securely connecting and managing their devices using devicestream™ which includes software updates, remote service and support, device usage and tracking, real-time data access, data analytics, and overall health IT connectivity. Easily customized for the specific application, devicestream ensures connected devices are properly protected through medical grade security with threat response and traceability, defending against potential data breaches or cyber threats. By being securely connected, devicestream provides significant value to device manufacturing stakeholders by driving revenue and engagement, eliminating support costs, and accelerating product improvements.

QUIBIM

BOOTH 6348

Imaging Biomarker Analysis Software

QUIBIM is a virtual core lab for medical image processing and provides an advanced service of imaging biomarkers extraction and structured reporting to the radiological workflow. QUIBIM Precision® is an innovative imaging biomarker analysis software allowing for automated analysis of imaging biomarkers – results are ready just within minutes – with the best accuracy and reproducibility. The technology, based on machine learning and image processing algorithms, scouts the image and compares it to similar images in the QUIBIM database with known ground-truth diagnosis, based on patterns not obvious to a human eye. QUIBIM Precision covers the needs of hospitals and radiology departments by converting the conventional radiological workflow into a quantitative integral assessment of image interpretation to complement the radiologist report. A Cloud version of the platform is also available, offering QUIBIM solutions to any clinical researcher, CRO's or pharma companies requiring advanced imaging

services in multi-center studies and clinical trials.

ULTRASOUND

Clarius Mobile Health

BOOTH 3553

Clarius Clip-Ons Transform a Scanner

Clarius has a new option for customers who only want to carry one multi-purpose ultrasound scanner in their pocket. Clarius Clip-ons transform a scanner that is typically used to scan deep structures within the abdomen, to one that can also scan superficial anatomy and even the heart. They are ideal for first responders, emergency medicine physicians, and specialists who move quickly from patient to patient and scan various parts of the body. Users can switch from scanning the abdomen to the extremities by simply adding a clip-on to the Clarius C3 Scanner and selecting the appropriate setting on the Clarius App. Clarius Clip-ons are not intended to replace the Clarius L7, which is a dedicated scanner for superficial structures. They are designed to be used with Clarius C3 Scanners for quick looks and vascular access procedures when time is limited.



SIUI

BOOTH 4107

Breast Full Volume Ultrasound System

IBUS BE3, an intelligent full-volume breast diagnostic system launched by SIUI, is the third of its kind in the world. Applied with a new, cutting-edge ultrasound examination method, IBUS BE3 represents a major technological breakthrough in the field of ultrasound imaging and diagnostic mode. With the benefits of safety, comfort, high-resolution image and rare missed diagnoses, IBUS BE3 is ideal for breast exam especially for women with dense breasts.



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X-RAY

EOS Imaging

BOOTH 4571

EOS for Orthopedic and Musculoskeletal Pathologies

EOS imaging designs, develops and markets EOS; an innovative medical imaging system dedicated to orthopedic and musculoskeletal pathologies. The EOS platform connects imaging to care by adding value along the patient care pathway from diagnosis to pre-surgical planning and post-operative control to follow-up. Low-dose and Micro Dose EOS exams provide full body, stereo-radiographic images in a weight-bearing or seated position using the EOS radiolucent chair. The biplanar images are acquired simultaneously in less than 20 seconds without magnification. The accompanying sterEOS workstation generates patient-specific 3-D models, calculates over 100 clinical parameters and offers customizable reports. The 3-D models provide an easy way to engage with patients and medical teams. EOS imaging also provides 3-D services that provide 3-D models, data and patient reports as well as 3-D surgical simulation and planning solutions for spine surgeries, total hip and total knee arthroplasties.

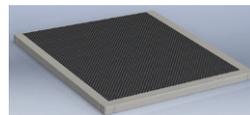


KA Imaging Inc.

BOOTH 7161

Color X-Ray Detector

KA Imaging has innovated a color x-ray detector that is designed to "see" different energy levels which enables better soft tissue differentiation – a key advantage over current technology. KA Imaging changed the x-ray detector at the pixel level which allows for high resolution, low radiation dose while leveraging the LCD TV fabrication to significantly reduce manufacturing costs. The color x-ray is designed to make a significant impact in both healthcare and non-healthcare markets.



TECHNICAL EXHIBITION HOURS

South Hall A and North Hall B
 Sunday.....10:00 a.m. – 5:00 p.m.
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RC Imaging

BOOTH 4006

Reversible Lock-N-Secure Cap

RC Imaging announces the versatile reversible Lock-N-Secure Cap, for grid/no grid options or scatter-guard protection with environment protection security. RC Imaging design engineering has the answer for the ever changing DR imaging demands for options.



The 14 x 17 Lock-N-Secure Snap-on Cap will accommodate any grid or can be inlaid with a 3 mil leaded sheet for extra security of back scatter protection. The Lock-N-Secure Cap is designed also for environment protection as the cap secures firmly to the protectors open side if needed.

Swissray International Inc.

BOOTH 4722

The ddRAura™ U

Swissray introduces the latest addition to the Swissray DR product line. The ddRAura™ U is the perfect solution for busy radiology departments and imaging centers that have a need for speed. The U-arm design paired with Swissray's APS or Automatic Positioning System includes a small wireless hand held remote control and optional wireless foot pedal for effortless positioning. Variable SID and independent movements of the x-ray tube, U-arm and detector allow for minor and precise positioning adjustments needed for injured, elderly or pediatric patients. Automated single focus stitching combines up to five images with ease. As with all ddRAura systems, the ddRAura U includes a tube mounted touch screen workstation for system control within the x-ray room. Be sure to visit the Swissray booth for a demonstration of the most recently developed Swissray digital radiography system.



Ziehm Imaging GmbH

BOOTH 6119

Enhanced CMOS Imaging Chain

Ziehm Imaging showcases the new leading-edge CMOSline¹ which is aimed at professionals who are not content with the ordinary and strive for the optimal. All CMOSline premium systems offer an enhanced CMOS imaging chain from generator to detector. Based on our tried-and-true flat-panel detector, the CMOSline enables superior image quality by showing significantly more detail. With CMOSline comes the groundbreaking Beam Filtration technology, which enables an exceptional reduction in the skin entrance dose. Positioned at the forefront of technology, surgeons who rely on CMOSline systems increase quality of care in their daily clinical routines.

¹ CMOSline represents a system configuration that is based on a Ziehm Imaging CMOS flat-panel detector.

Explore the Future of Radiology at the RSNA Technical Exhibits

CONTINUED FROM PAGE 1B

productivity, accuracy and remove non-reimbursable work. Yet, the full power of AI and machine learning will not be realized in healthcare until it is made widely accessible and is integrated into the radiologist's workflow in a way that's convenient and reliable. After all, transforming the delivery of patient care and combatting disease will require the most advanced technologies being readily available when it counts – at the point of care. The benefits and potential

for profound and widespread impact on radiology, healthcare in general and society at large are real."

"How do we drive access and usage? How do we enable competence in the tools that are used every day?" Holzberger asked rhetorically. "It's by enabling delivery, access and usability via the systems where radiologists spend most of their time; or, in other words, at the radiologist's point of care."

It will be incumbent on companies such as Nuance to ensure that the products it supplies radiologists with, like PowerScribe 360, are enabled to meet the challenge of delivering AI tools and making them highly usable.

"Software solutions are going to have to be able to incorporate all the inputs and outputs from these neural network-inspired algorithms and other tools that are helping the radiologist," Dr. Alkasab said.

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- Courses on patient care and professionalism to build, maintain and grow a successful practice
- Free standard member registration to RSNA 2018 for cutting-edge radiology science and education

Visit the Membership & Resources booth in the Connections Center to learn more and join RSNA for 2018.

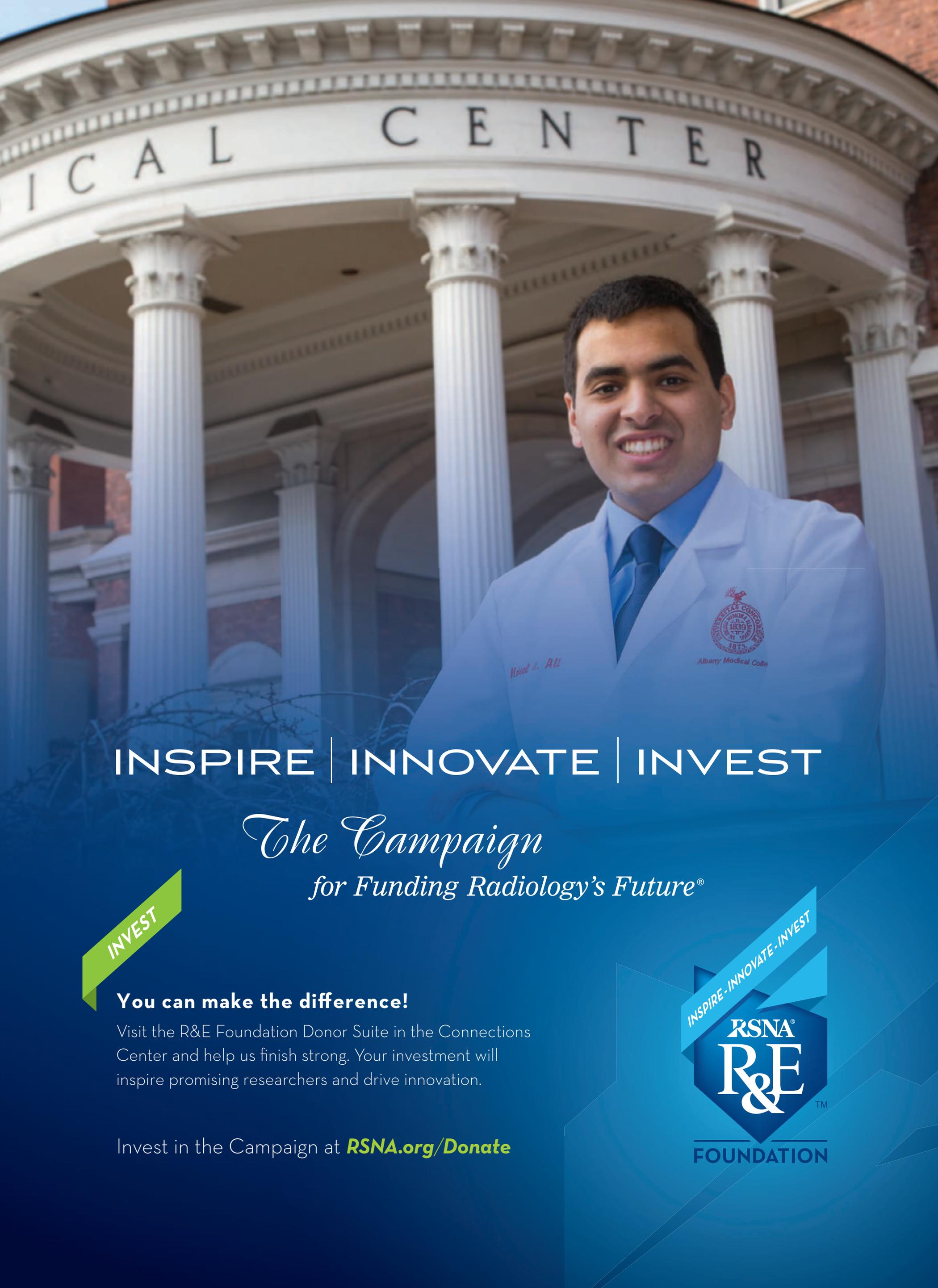


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