Technical Exhibits Focus

Exhibitors Drive Innovation Through Collaboration

United Imaging Healthcare Brings Innovation to Healthcare Across the Globe

By Michael Hart

The medical imaging industry has always been driven by innovation and new technology that improves diagnostic accuracy, lowers medical costs and ultimately delivers better patient care.

New developments don't happen in a vacuum. Every major advance in medical imaging technology has resulted from the combined efforts of research scientists, physicians and the medical imaging equipment industry. The results of these efforts are on display in the technical exhibit halls at the RSNA annual meeting.

One new exhibitor at this year's meeting is United Imaging Healthcare (UIH), which will be displaying a broad portfolio of products, including MR, CT, MI and DR, while also describing its innovative work in AI research.

Recognizing the importance of partnering in bringing new ideas into practice, UIH puts collaboration at the center of its design process. The company strives to increase its pace of bringing great technological breakthroughs to market and to more customers. It pushes toward this aggressive goal by working in close partnership with research institutions and hospitals worldwide to uncover new solutions for the medical imaging community.

"United Imaging aspires to unlock innovation through open and flexible thinking, advanced and diversified value propositions and breakthrough technologies," said Dr. Xue Min, chairman and chief executive officer of UIH.

Over the past two years, UIH has been in collaboration with the EXPLORER consortium, a research project aiming to design, develop and construct a high sensitivity PET scanner for a wide range of biomedical research applications.

In this partnership, UIH has been working with physicists, biomedical researchers and physicians at the University of California, Davis to develop the world's first PET/CT system designed to cover the entire human body and provide real-time dynamic imaging of all organs.

The company is also excited about its expansion of the U.S. headquarters in Houston to integrate the U.S. research and development, production, training and marketing functions and to better support the company's growing team across the U.S. to serve local customers.

United Imaging Healthcare offers a broad portfolio of medical imaging products.

Technical Exhibition Hours

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

Technical Exhibition Booth Key

South Hall A
Booths 1000 – 5999

North Hall B
Booths 6000 – 8999

Full Exhibitor Listing

To see complete company profiles and product information, visit *RSNA2018.RSNA.org/Exhibitor.*

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.

![RSNA — Radiological Society of North America]

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Radiologists look at problems and discover solutions. It's what we're good at.

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LEARN: free CME, online courses, and webinars and other critical education opportunities that keep you up-to-date with the latest advancements in the field.

EXPAND: free advance standard registration to the RSNA annual meeting, the most-important meeting of radiology professionals, industry leaders and researchers in the world.

ADVANCE: Subscriptions to publications *Radiology* and *RadioGraphics* and three journals launching in 2019: *Radiology: Artificial Intelligence, Radiology: Cardiothoracic Imaging* and *Radiology: Imaging Cancer.*

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1-877-RSNA-MEM (776-2636) | 1-630-571-7873 *(outside the U.S. or Canada)*

3D Printing & Imaging Printing Systems

Materialise
BOOTH 1968K5

Diagnostic 3D-Printed Anatomical Models

Materialise's Mimics InPrint software offers FDA-cleared software to 3D print anatomical models for diagnostic use. This 510k clearance expands access to patient-specific anatomical models. The models help surgeons make better-informed decisions and more accurately plan surgeries. They are also used to enhance education and communication between multidisciplinary teams and with the patient.

Business/Departmental Management

Healthcare Administrative Partners
BOOTH 6254

Radiology Billing Services

Healthcare Administrative Partners 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, Healthcare Administrative Partners provides billing services, delivers clinical analytics and offers practice management and specialized coding expertise to optimize a revenue cycle.

## Computed Tomography

Canon USA Inc.
BOOTH 1938

Ultra-High Resolution CT System
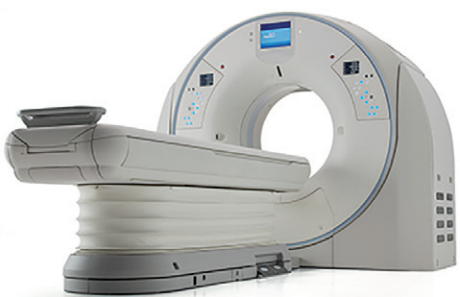
Canon Medical's FDA-cleared Aquilion™ Precision, an ultra-high resolution CT system delivers twice the resolution of today's CT systems. The system can resolve anatomy as small as 150 microns and 50 lp/cm*. The Aquilion Precision CT system also features detector channels that are 0.25 mm thick. This, combined with substantial improvements in scintillator quantum efficiency, detector circuitry and other DAS components, results in a dose-efficient detector with ultra-high resolution capabilities.

Reference value, MTF 0 percent

Dunlee
BOOTH 1346

CT Component Bundles
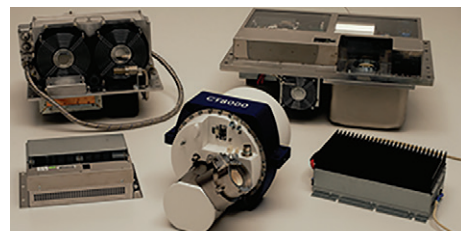
Dunlee, a provider of CT, X-ray, MR and 3D-printed tungsten products for the OEM market and CT tubes for the replacement market, now offers CT component bundles designed for fast integration into OEM development processes. The three turn-key bundles – Xceed with CT4000, Xpert with CT6000 or CT8000 – cover a range of technical specifications and include a generator, X-ray tube and cooling unit that have been developed together. The CT4000 and CT6000 options can also be configured with a detector. The bundles are designed to speed time-to-market.

## Enterprise Imaging

Change Healthcare
BOOTH 6713

Enterprise Imaging to Simplify Complexity

Change Healthcare is an imaging solution vendor orchestrating care that improves financial, clinical and operational outcomes by leveraging scale and enabling better use of data while simplifying a hospital or imaging center's complex environment. Our multi-facility enterprise imaging solution includes: radiology, cardiology and other clinical specialties; vendor neutral archive; universal viewer experience platform; workflow orchestration; and data analytics, all supported by consulting services. Change Healthcare can help improve operational and throughput efficiency, allowing for more studies with the same staff while improving patient experience**.**

Healthmyne
BOOTH 7761

The Reading Room of the Future - Today
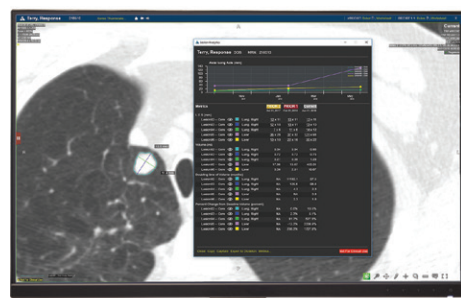
Healthmyne's proprietary algorithms automate the extraction of quantitative imaging metrics at the point-of-read, reducing inter- and intra-reader variability and making evidence-based metrics including volume, density, mass, doubling-times, heterogeneity and others available at the point-of-care. These volumetric measurements are combined with clinical information from the EMR, PACS, radiation therapy and other systems to drive transformed CDS workflow modules, including cancer screening, tumor board management, clinical trials/therapy response assessment, incidental findings, and thoracic specialty. The measurements also provide actionable quantitative reports and an integrated imaging and clinical patient-centric dashboard to impact daily patient management decisions.

Dicom Systems, Inc.
BOOTH 7900

Advanced AI De-identification Framework

Dicom Systems offers an advanced de-identification framework to support training of algorithms for machine learning and AI applications as part of its Unifier Enterprise Imaging platform. Dicom Systems proprietary de-identification solution is a scalable and HIPAA-compliant framework featuring pixel-level de-identification and full customization of processes and output. Dicom Systems offers the de-identification framework plus new additions such as load balancing and cloud-based workflows.
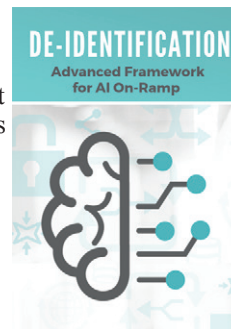
Fujifilm Medical Systems USA, Inc.
BOOTH 2545

Enterprise Imaging Portfolio

Fujifilm Medical Systems USA, Inc. is a health care company with an established history of providing informatics solutions that help medical facilities optimize workflow efficiency, achieve cost savings and impact patient outcomes. The Synapse® brand of products comprises a portfolio of enterprise imaging technologies, featuring solutions that include PACS, VNA, RIS, 3D, Cardiovascular, Enterprise Viewer and Cloud Services. Fujifilm's artificial intelligence initiative, branded as REiLI, substantiates the company's dedicated investment in the industry's future and its devotion to providing value-based care.

Hyland Healthcare
BOOTH 1316

See the Whole Patient
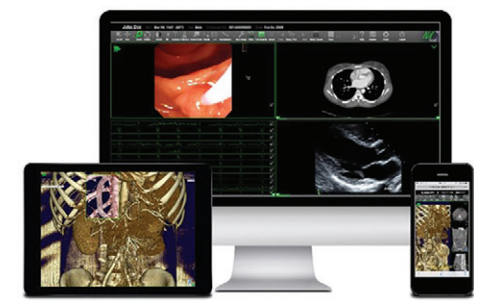
Hyland Healthcare delivers an integrated platform of technology solutions that streamline radiology workflows while connecting medical images and unstructured content to core clinical applications such as EHRs or PACS for system-wide access and sharing. The company's line of enterprise imaging solutions, including Acuo, an independent VNA; NilRead enterprise viewer; and PACSgear image acquisition and connectivity products, help health care providers centralize, manage and exchange both DICOM and non-DICOM images. OnBase ECM offerings from Hyland make unstructured patient information (e.g. historical charts, referral letters, progress notes, clinical narratives, consents and claim information) centrally accessible to support both clinical and back-office efforts.

Fluoroscopy

PortaVision Medical, LLC
BOOTH 3271

Mobile Fluoroscopic Imaging
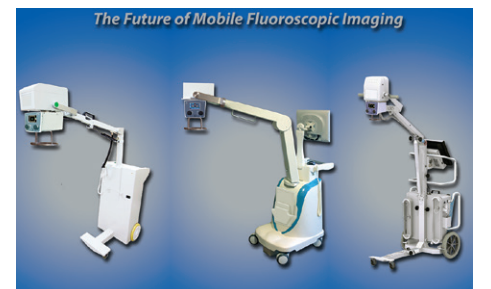
PortaVision's mobile fluoroscopic systems address the technological limitation of current mobile C-arm systems. PortaVision's systems bring breakthrough mobile fluoroscopic X-ray imaging into hospital intensive care units, patient bedside, emergency rooms, surgery centers, imaging centers and nursing home/home health care centers. Patented technology electronically ensures that the x-ray source is aligned to the flat panel detector prior to and during bedside fluoroscopic procedures. PortaVision's mobile fluoroscopic X-ray

systems bring the value of mobile fluoroscopy X-ray imaging to fragile immobile patients.

Imaging Services

Consensys Imaging Service, Inc.
BOOTH 1805

Diagnostic Imaging Service Solutions

Consensys Imaging Service, Inc. a provider of diagnostic imaging service solutions offers high quality and comprehensive service across multiple vendor platforms and modalities including CT, MRI, mammography and ultrasound. Just over one year ago, Consensys was acquired by Merry X-Ray Corporation and has gained expanded service and product offerings. Consensys now sells new equipment and pre-owned equipment to meet the needs of customers.

Teleradiology Specialists
BOOTH 8301

Virtual Group Practice

Teleradiology Specialists is a virtual group practice specializing in urgent care, occupational health and primary care radiology, currently providing over reads in 47 states. Teleradiology Specialists are focused on establishing and maintaining positive communication with facilities and provides excellent customer service and exceeding expectations for turnaround time. Physician-owned, Teleradiology Specialists provides quality reads promptly and consistently.

Nationwide Imaging Services, Inc.
BOOTH 1965

Reconditioned and Used Medical Imaging Equipment

Nationwide Imaging Services provides reconditioned and used medical imaging equipment to hospitals, imaging centers and private medical practices. Nationwide provides products and services that span the project life cycle, offering customers cost effective and easy- to-use quality solutions. Nationwide was acquired by Merry X-Ray Corporation earlier this year, which has resulted in expanded service operations for both companies.

Information Systems (RIS & HIS)

MDW LLC
BOOTH 3972

Radiology Blockchain Marketplace

MDW—Medical Diagnostic Web—offers a radiology blockchain platform designed to connect all players in the diagnostic digital imaging ecosystem and create an open, transparent and fair marketplace. MDW aims to build new business opportunities for radiologists and streamline access to imaging providers for all health care stakeholders. The platform helps solve many of today's problems in imaging: service access, delivery, results communication, speed of payment for services and integration across the continuum of care. It also offers radiologists and other stakeholders opportunities to profit from an innovative application utilizing blockchain technology. With its open, decentralized infrastructure, encrypted data transmission and immutable audit trails, MDW's blockchain marketplace enables individual radiologists and radiology groups to forge new business relationships and benefit from immediate compensation for services rendered. Radiology service organizations can easily take advantage of as-needed resources to transact with new clients, boost reading volume and decrease exam turn-around-time.

Interventional Radiology

Soteria Medical
BOOTH 1246

Remote-Controlled MRI-Guided Prostate Biopsies

Soteria Medical B.V. has developed a new approach to perform MRI-guided prostate interventions by utilizing a fully MR-compatible robotic device for real time positioning in the MR scanner. The RCM (Remote-Controlled Manipulator) for MRI-guided prostate biopsies and interventions provides the ability to perform MRI-guided biopsies within 30 minutes in every MRI suite (1.5 Tesla or higher). Utilizing patented pneumatic motors, the system provides a large target range as well as the high accuracy to target for the smallest lesions visible on MRI images.

Machine Learning/Computer-Aided Diagnosis Systems

Balzano Informatik AG
BOOTH 6066

AI-Based Interpretation of Musculoskeletal MRI

Balzano Informatik AG builds decision-support systems for healthcare that process clinical information from images and reports. The ScanDiags solution focuses on musculoskeletal MRI. and will aggregate the MRI-image interpretation experience of hundreds of radiologists and clinicians of different schools and backgrounds in a platform-agnostic way. The product is currently in clinical trials with Balgrist University Hospital, Switzerland. Two additional products available as tools for AI engineers in medical imaging are the implementation of the automated detection of an area of interest in 3D images and the preprocessing of large volume 3D images before feeding them into machine learning. Both components will be marketed separately.

iCAD, Inc.
BOOTH 3911

Cancer Detection and Therapy Solutions

iCAD provides innovative cancer detection and therapy solutions. iCAD's advanced breast cancer detection technology, built on artificial intelligence, enables radiologists to find cancers while improving reading workflow. The PowerLook Breast Health suite delivers powerful detection and workflow solutions for 2D and 3D mammography. The AI breast tomosynthesis solution is a high performing concurrent-read cancer detection and workflow solution that rapidly analyzes each tomosynthesis image with unrivaled accuracy.

ImageBiopsy Lab
BOOTH 7367R

Bone Disease Expertise

ImageBiopsy Lab (IB Lab) is dedicated to research on the prediction and assessment of bone diseases. As a first use case, IB Lab has developed a diagnostic decision support system for osteoarthritis (OA), the most common joint disease worldwide. The IB Lab analyzer software analyzes the severity of OA and the overall health of the bone in a standardized and objective manner. This enables more precisely targeted therapies, cost reduction and better quality of life for patients. The automated assessment of radiological images using image recognition algorithms and artificial intelligence is at the core of IB Labs MSK portfolio.

ClariPI
BOOTH 3343B

## AI Denoising Solution Enables 'Ultra' Low-Dose CT
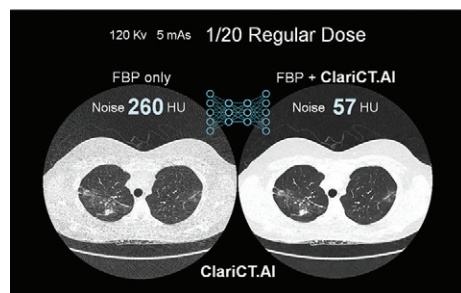
ClariCT.AI is a vendor-neutral CT denoising solution based on deep learning technology. ClariCT.AI's unique deep-learned GPU recon engine clears CT noise selectively and turns an existing CT into a novel AI-empowered CT using only DICOM standard. ClariCT.AI provides multiple deep learning models pre-trained with millions of images for differing organs at varying noise levels from most existing scanner models. This enables it to distinguish anatomical structures from thousands of different noise patterns and to reconstruct noise-clean high quality images without time-consuming iterations. ClariCT.AI's denoising performance can improve radiation safety for multiple/repeat scan patients and children by reducing radiation exposure. Lesion details and anatomical structures at ultra-low dose scans as low as 5 mAs can be clearly uncovered with ClariCT.AI from strong noise and artifacts without suffering distortion and plastic appearance.

12 Sigma Technologies
BOOTH 7764

AI-Driven Diagnostic Products
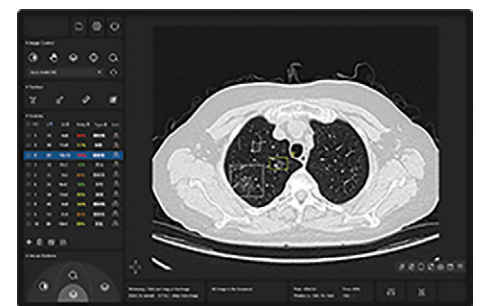
12 Sigma Technologies offers five new artificial intelligence-driven diagnostic products: σ Discover/Lung Nodule, σ Discover/Lung DR, σ Discover/Mammo, σ Discover/Stroke CT and σ Discover/Liver CT. Founded in San Diego, California in 2015, 12 Sigma Technologies has since established R&D facilities in Beijing, Suzhou and Shanghai, China. The company offers services in medical imaging AI and large-scale data services using automated, precise and intelligent diagnosis solutions for the health care industry. 12 Sigma Technologies partners with many hospitals and key research institutes to continue to lead the revolution in AI-driven diagnostics.

MRI

Aspect Imaging
BOOTH 2769

Neonatal MRI System inside the NICU

Aspect Imaging offers its Embrace™ Neonatal MRI System, an FDA-cleared and CE-approved MRI system installed inside the NICU. It has been designed specially to avoid the risks of transporting infants to an external MRI facility, enabling safer imaging of newborns without the need for sedation and allowing medical staff and parents to be present during the scan. The system can also scan intubated babies without having to disconnect and reconnect any tubing. Prep and scan process takes less than an hour. Embrace features a permanent magnet that has low power consumption, quiet operation and does not require a special safety zone or cooling. Embrace features an integrated, temperature-controlled, incubator-like patient bed,

allowing continuous control of the baby's environmental temperature and continuous monitoring of its vital parameters.

Holland LP
BOOTH 1144

Mobile Medical Refurbishment

Holland offers comprehensive engineering-driven solutions for a range of manufactured equipment. Mobile medical refurbishment provides a range of cost-effective, quality. Holland's experienced team of engineers and machinists are skilled in trailer refurbs including system de-installation and new system installation. Holland's commitment to quality is evidenced through its AAR M-1003, ISO 9001 and NTEA MVP certifications.

MRIcoilrepair.com
BOOTH 1803

Loaner Coils and Repairs for All OEMS

Discover MRIcoilrepair.com's complete coil repair and loaner coil options. MRIcoilrepair.com can loan and repair all OEM coils and provide zero downtime. Refurbishing MR extremity coils, electrically, mechanically and cosmetically, can bring coils back to life. MRIcoilrepair.com can do the work under one roof which allows for expedited service and competitive pricing.

MIM Software Inc.
BOOTH 6520

Bulk Anonymization

Built to meet or exceed safe harbor standards for de-identifying patient data sets in bulk, MIM Templated Anonymization was designed to make auto-anonymization simple by using the automation capabilities of MIM Assistant. Multiple templates can be created with options to handle any standard or private DICOM tag including naming schema, incrementalization, preservation, static replacement, randomization and custom operations. Date randomization is an important part of the standard and the new template approach allows users to specify a date range for randomization. Once chosen, that randomization is preserved and applied to future or past time points of the same patient so that proper spacing of time is preserved when de-identified. Templates can be created through a wizard-style interface, or by editing the JavaScript® directly. Current anonymization for single patients remain intact as part of the MIM patient list.

Avreo Inc.
BOOTH 1716

Radiology Workflow Solution

Avreo, a health care software provider of the only single database complete RIS/PACS/EHR web-based solution, connects each step in the radiology workflow for health care organizations across the country. Avreo offers a suite of solutions to provide further functionality, management and protection. Avreo's AutoMate Authorizations Management automates the processing of eligibility and authorizations, streamlining workflow and increasing patient and provider satisfaction by reducing the time and effort required to obtain necessary approvals. Avreo's Capacifi HA leverages the power of the internet to ensure high availability of health care data without maintaining a vast on-site infrastructure. Capacifi DICOM virtualizes a data center to the cloud, offering self-expanding storage

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.

with fast retrieval, minimizing the need for complete onsite storage.

aycan Medical Systems
BOOTH 7711

Enterprise VNA/Inexpensive Add-On Storage

aycan store VNA is a vendor neutral, scalable, DICOM archiving and distribution

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DXA BONE DENSITY SURVEILLANCE

Surveillance

|	Characteristics			Value	Interval Change					
Tracking Date	Site	T-Score	Z-Score	BMD (g/cm²)	Time Since Last Exam (Months)	BMD Change (g/cm²)	Rate Of Change (g/cm² Per Month)	% Change From Prior BMD	LSC	Baseline Change
1/3/2017	[Total Spine]	-3.6	-3.5	0.351	12	-0.33	-0.03	-48.53%	5.30	-72.58%
Tracking Date	Site	T-Score	Z-Score	BMD (g/cm²)	Time Since Last Exam (Months)	BMD Change (g/cm²)	Rate Of Change (g/cm² Per Month)	% Change From Prior BMD	LSC	Baseline Change
1/3/2017	[Total Spine]	- 3.6	- 3.5	0.351	12	- 0.33	- 0.03	- 48.53%	5.30	- 72.66%
1/3/2016	[Total Spine]	- 1.2	- 1.6	0.682	12	- 0.62	- 0.05	- 47.69%	5.30	- 46.88%
1/3/2015	[Total Spine]	1	0.5	1.3	12	- 0.02	0.00	1.56%	-	+ 1.56%
1/3/2014	[Total Spine]	1.3	0.8	1.28	-	-	-	-	-	-
1/3/2017	[Total Hip]	- 3.8	- 4.1	0.64	12	- 0.13	- 0.01	- 16.88%	5.0	- 51.88%

VISIT US AT BOOTH #6550, NORTH HALL

system. Offering optional zero-footprint HTML5 web viewer, it easily works with hospitals and imaging centers that have disparate PACS systems, while providing an open platform to use best-of-breed technologies. aycan store VNA can also serve as an inexpensive add-on storage solution, easily integrating into your existing PACS.

PET

Subtle Medical, Inc.
BOOTH 6773

AI-Enhanced PET Scanning
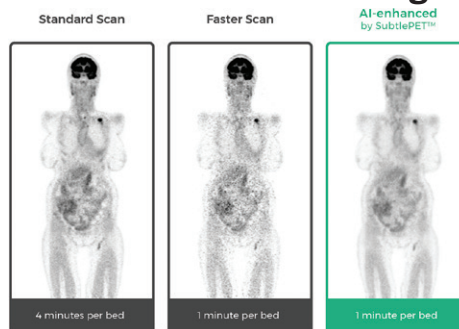
Subtle Medical showcases SubtlePET™, its artificial intelligence (AI) powered technology that allows hospitals and imaging centers to deliver a faster and safer patient scanning experience. The new technology is aimed at supporting a four-fold acceleration of scan time or a radiation dose reduction of up to 75 percent. SubtlePET utilizes deep learning algorithms that integrate seamlessly with any OEM PET scanner to enhance images during acquisition without any alteration in existing workflow. Subtle Medical's focus is on image acquisition, workflow and radiation dose in an AI imaging product. The product's application of AI infrastructure will help make PET exams more efficient and accessible to patients. SubtlePET is currently under FDA 510k review.

Pre-Owned Equipment

Block Imaging
BOOTH 3314

Buying, Selling, Maintaining or Refurbishing Imaging Equipment

Block Imaging provides assistance with buying, selling, maintaining or refurbishing equipment for MRI, CT, PET/CT, digital X-ray, C-arm, cath lab, mammography, bone densitometry and CR. Block Imaging offers immediate access to pricing information, product comparisons, service tips, buyer's guides and project checklists. Spare parts can be ordered online, shipped same day and all orders come with technical support.

Software/IT Services

Ambra Health
BOOTH 1122

## Streamline Image Management in the Cloud

Ambra Health is a medical data and image management SaaS company. Intuitive, flexible, scalable and highly interoperable, the Ambra Cloud platform is designed to serve as the backbone of imaging innovation and progress

for health care providers. It empowers some of the largest health systems and radiology practices, subspecialty practices, and clinical research organizations to improve imaging and collaborative care workflows. Ambra Health delivers innovative cloud medical image management solutions for the future of health care.

Beijing Smart Tree Medical Technology Co., Ltd.
BOOTH 3167

Structured Report System
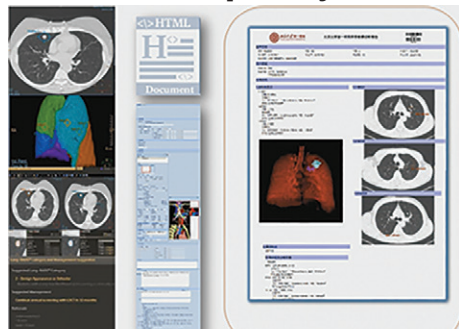
Beijing Smart Imaging Medical Technology Co. Ltd. is composed of radiologists and IT technologists who developed a medical imaging structured report system. This series of products can be integrated with an imaging post-processing system and imaging AI. They also can automatically extract related diagnostic information from EMR by natural language processing. The structured report system can provide multi-media enhanced radiology report quickly.

Lifetrack Medical Systems Inc.
BOOTH 6258

Enterprise Radiology Platform

LifeSys™ is a new generation-integrated RIS/PACS platform that replaces traditional manufacturer-dependent, on-site radiology software with a hybrid cloud, software-as-a-service subscription model. It connects radiologists to patients, wherever they are, at speed and at scale, allowing health care providers to provide access to diagnostic imaging to remote and/or underserved areas. LifeSys technology enables secure and rapid transmission, aggregation, access, and real-time synchronization of medical images across multiple sites and users using consumer-grade hardware and internet connection allowing affordable adoption in both developed and emerging markets. Its patented features simplify radiologists' workflow improving reporting efficiency, accuracy and consistency. LifeSys also integrates teaching content, expert diagnoses, and a feedback system. This allows for capacity-building wherever the radiologist is working.

MedCurrent
BOOTH 1854

Clinical Decision Support Provider

MedCurrent is a physician-founded Clinical Decision Support (CDS) company focused on improving quality of care and managing health system costs. MedCurrent's scalable platform

OrderWise® enhances the clinical decision-making process with real-time evidence-based guidelines integrated at the point of care to improve health and health care delivery. Now new and improved in 4.0 version, OrderWise features deep integrations, streamlined workflow, an intuitive user interface and a complementary suite of essential applications (Portal Ordering, Authoring Studio and Analytics). OrderWise has been designed with flexibility and longevity in mind, fulfilling health system needs not only in radiology, but also enabling expansion of CDS to cardiology, pathology, prescribing and even chronic disease management and care pathways.

PACSHealth, LLC
BOOTH 2004

Study Dose Comparison

PACSHealth, LLC is a software development company for medical imaging technology. The Global Dose Registry™ integrates seamlessly into DoseMonitor®, which allows customers to compare radiation dose of a patient's exam against the global database of millions of similar studies. DoseMonitor enables hospitals to manage patient radiation exposure and comply with regulatory requirements and industry guidelines. PACSHealth's products (PACSHealth®, VNAHealth® and DoseMonitor®) help to create a safer and more efficient medical imaging environment through the use of technology.

Radwisp Pte. Ltd.
BOOTH 1158K

Visualization of Pulmonary Air and Blood Flow
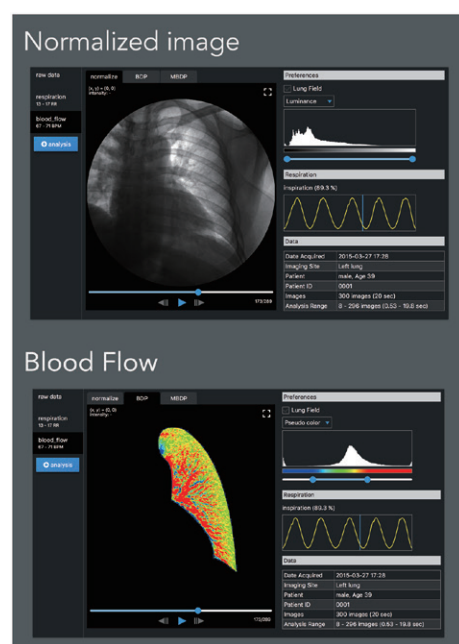
Radwisp is a post-processing software that visualizes respiratory function and pulmonary arterial flow by analyzing a DICOM file obtained from low-dose chest X-ray cine imaging, such as angiography. Radwisp can extract and visualize the tiny changes from the air and blood flow without contrast media by frequency tunability computation. Radwisp has the potential to visualize both pulmonary gas change and blood flow of each area of lung fields in

real-time. In addition, low radiation exposure and disuse of contrast media make Radwisp a low-invasive imaging tool. Radwisp achieved regulatory approval in Japan in 2018 and is working towards FDA approval and CE mark from the European Economic Area.

Ultrasound

DiA Imaging Analysis
BOOTH 8168

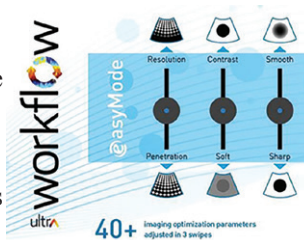## Automated EF Analysis Solution on Mobile Ultrasound

DiA Imaging Analysis, an AI imaging analysis company, provides vendor neutral, fully automated, implementable tools that enable quick, objective and accurate imaging evaluations, with initial focus on cardiac ultrasound. DiA LVivo EF is the first AI-powered, ejection fraction automated app able to operate on the low processing-power environment of mobile ultrasound.Ejection fraction (EF) evaluation is a key diagnostic criterion driving various treatment strategiesin point-of-care (POC) settings. Traditionally, most EF interpretation at POC conducted through visual estimation, with varying clinician experience levels. This means that achieving an accurate EF result in POC settings can be challenging. LVivo EF addresses this challenge by providing clinicians with left ventricle EF measurement via DiA's advanced, proprietary AI technology and advanced pattern recognition algorithms. DiA LVivo EF auto cardiac decision-support App is now available on GE Healthcare's Vscan Extend™ handheld ultrasound.

Esaote
BOOTH 2503

Image Optimization Through Real-Time Algorithm

Esaote has completely re-thought the ultrasound exam. easy-Mode technology allows the operator to be more focused on the patient during the examination and simplifies the use of the ultrasound system with an ultra-intuitive finger touch interface that reacts according to the user's needs. easyMode helps clinicians and sonographers to boost their workflow and efficiency, by automatically managing more than 40 imaging parameters in three swipes.

X-ray

Barat Ceramics GmbH
BOOTH 2675

High Precision Ceramics

Barat Ceramics creates assemblies using a wide range of products with ceramic components and metal. Ceramic materials meet a large amount of possibilities while respecting some essential properties which is something other more traditional materials cannot do. Barat Ceramics can provide precision components for apparatus engineering, insulators, components for plasma microwave and laser applications, feedthroughs and customer-specific components.

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▸ April 12–13, 2019 | *Santiago, Chile*
Explore important topics in **chest imaging** in this Spanish-language course.

▸ May 3–4, 2019 | *Paris, France*
Discover the role **AI** can play in your radiology practice.

▸ May 31–June 1, 2019 | *San Francisco, USA*
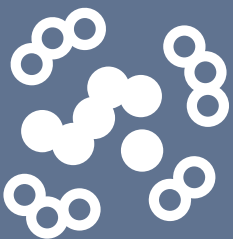Learn how **AI** will affect clinical practice in this 2-day course: *Radiology in the Age of AI*.

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