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At ISRRT 2021, Agfa delivers on its promise of intelligent, meaningful answers to transform digital radiography

Highlights include innovative solutions that put intelligent tools in the hands of the radiographer

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- SmartXR® intelligent digital radiography tools for dose, alignment, patient positioning and more support enhanced clinical and operational performance, while leaving the radiographer in control.
- A comprehensive DR portfolio, including multi-purpose and automated rooms, enables healthcare facilities of every size and budget to benefit from superb image quality and low radiation dose.
- Mobile DR units bring fast, high-quality DR imaging to the bedside, with excellent maneuverability and ease of use.
- Agfa’s digital tomosynthesis solution adds clinical value to a wide range of applications, delivering fast image reconstruction and images with less noise and fewer artifacts.
- The new Dura-line family of robust, reliable and cost-effective detectors offers excellent image quality.

Agfa is pleased to participate as an Event Partner at the 21st ISRRT conference, being held from 20th-22nd August 2021. Following the theme “Professional Development in Radiography”, Agfa will enable partners and customers to discover its solutions, vision and answers on a virtual industry platform.

Agfa will highlight its mobile and fixed direct radiography (DR) solutions - all powered by MUSICA®. The trailblazing SmartXR® artificial intelligence portfolio, Agfa’s digital tomosynthesis solution, and the new Dura-line family of robust, reliable and cost-effective detectors provide answers to the real needs of healthcare imaging.

SmartXR®: the radiographer's intelligent 'assistant'

Participants of ISRRRT 2021 can discover how the SmartXR® artificial intelligence portfolio adds targeted AI-based features to Agfa's DR solutions. Delivering tools for dose, alignment, patient positioning and more, it acts as an 'intelligent assistant' to the radiographer, enabling a smoother and more efficient daily imaging workflow, and more consistent images. Integrated sensors and cameras are combined with powerful AI software, 3D machine vision, deep learning and machine intelligence, to assist the radiographer with first-time-right image acquisition. By reducing retakes, it speeds up the radiology workflow, optimizes energy and equipment costs, and supports the care quality and lean budget requirements of evidence-based medicine.

SmartXR® is available with Agfa's mobile DR 100s and high-productivity DR 600.

Efficient exams at the patient bedside

Designed in collaboration with users around the world, the groundbreaking DR 100s offers smooth maneuverability and comfortable bedside imaging. The tube head with ZeroForce technology makes manual movement nearly effortless in all three axes. Excellent DR image quality is combined with fast image preview, for a broad range of applications, including chest, abdominal, skeletal and stitched long-length exams.

Visitors can also find out about the ¹DR 100e: a compact and affordable mobile imaging system that combines comfort and performance.

Maximum productivity, flexibility and throughput

At ISRRRT, Agfa will showcase the top-performance DR 600 fully automated, ceiling-suspended X-ray room. This complete solution provides high-quality images while maximizing versatility. Streamlining workflow and increasing throughput, it enhances the experience of patients and operators alike with technologies including ZeroForce maneuverability and EasyStitch full leg/full spine imaging.

Agfa's DR portfolio also includes the U-arm DX-D 300, the floor-mounted DR 400 and the versatile DR 800. With the flexible DR 800, general radiography,

¹ DR 100e is not available in the US and Canada. Contact your local sales representative for availability in your area.

fluoroscopy exams and minor interventional procedures can all be carried out in one room, with one investment. The DR 800 will soon be offered with Digital Subtraction Angiography (DSA)² functionality as well.

Digital tomosynthesis for a wide range of applications

Both the DR 600 and DR 800 are available with Agfa's digital tomosynthesis solution, which combines the advantages of multi-slice reconstruction with the low dose and fast workflow of general radiography. By delivering meaningful answers that help improve the patient's experience and outcome, it can add clinical value in a wide range of domains, including orthopedics and chest imaging.

Dura-line: the durable, reliable way to go Direct Digital

Agfa will also show its new robust and cost-effective Dura-line family of detectors, which provides all the advantages of Direct Digital, while maximizing the use of existing equipment. The range includes 10" x 12" (25 cm x 32 cm), 14" x 17" (36 cm x 43 cm) and 17" x 17" (43 cm x 43 cm) sizes, all offering outstanding battery autonomy of up to 15 hours and excellent scintillator quality. Combined with MUSICA®, they deliver high image quality at the lowest possible dose reasonably achievable.

Flexible imaging excellence, powered by MUSICA®

All of Agfa's DR systems are powered by MUSICA®. The MUSICA® Imaging Workstation enhances workflow and productivity, with a single, intuitive interface for smooth, efficient DR imaging, offering "first time right" imaging. And with MUSICAFlex, radiologists have even more flexibility to match the MUSICA® image processing to their own preferences and tastes.

"More than ever, healthcare needs robust, intelligent answers to its real needs; we are delighted with the opportunity to demonstrate at ISRRT 2021 how we are delivering on our promise to transform digital radiography," says Peter Gielen, Head of Sales & Marketing Europe at Agfa Radiology Solutions. "The importance of radiography for the individual patient's care continuum as well as for public health cannot be denied. That is why we are firmly focused on putting

² DSA is currently pending 510(k) clearance and Health Canada licensing.

intelligent tools into the hands of medical imaging professionals all around the world.”

ISRRT 2021 is being held as a hybrid event, from 20-22 August 2021. Use [this link](#) to access the official ISRRT webpage

About Agfa

Agfa develops, produces and distributes an extensive range of imaging systems and workflow solutions for the printing industry, the healthcare sector, as well as for specific hi-tech industries such as printed electronics & renewable energy solutions.

The headquarters are located in Belgium. The largest production and research centers are located in Belgium, the United States, Canada, Germany, France, the United Kingdom, Austria, China and Brazil. Agfa is commercially active worldwide through wholly owned sales organizations in more than 40 countries.

For more information on Agfa please visit www.agfa.com



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