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At JFR 2021, Agfa showcases intelligent, meaningful answers to deliver sustainable imaging

Agfa’s comprehensive digital radiography portfolio powered by MUSICA® – comprises ground-breaking mobile and fixed DR solutions that put intelligent tools in the hands of the radiographer

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Highlights include:

- SmartXR® provides DR tools for dose, alignment, patient positioning and more, to support enhanced operational and clinical performance, while leaving the radiographer in control.
- The new Dura-line family of robust, reliable and cost-effective detectors, which delivers exquisite image quality.
- The groundbreaking mobile DR 100s, designed in collaboration with users around the world, which combines fast, high-quality DR imaging with excellent maneuverability and ease of use.
- Agfa’s next projects will focus on advanced applications.

At the 2021 JFR International Medical Imaging Congress, being held both virtually and in-person, in Paris, France from 8-11 October, Agfa will be delighted to meet once again with customers and visitors. Showcasing its comprehensive portfolio of groundbreaking, intelligent solutions, Agfa will focus on the theme of “sustainable imaging”, with intelligent, meaningful answers to transform digital radiography.

At its booth, Agfa will highlight the trailblazing SmartXR artificial intelligence portfolio, including the SmartRotate functionality, which is now available on all Agfa direct radiography (DR) and computed radiography (CR) systems. In addition, the new Dura-line family of robust, reliable and cost-effective detectors, the groundbreaking DR 100s mobile solution, and Agfa’s advanced applications will be showcased.

SmartXR: the radiographer's plug-and-play intelligent "assistant"

Visitors to JFR 2021 can discover how SmartXR cost-effectively adds targeted AI-based features to Agfa's DR solutions. Delivering tools for dose, alignment, patient positioning and more, SmartXR 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 combined with powerful AI software, 3D machine vision, deep learning and machine intelligence, 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. The full SmartXR portfolio is available for Agfa's mobile DR 100s and high-productivity DR 600 room.

Furthermore, the SmartRotate functionality is now available for all Agfa CR and DR systems. With SmartRotate, images are presented in the right orientation for viewing, directly and automatically, regardless of the imaging plate orientation. SmartRotate speeds up productivity by reducing post-processing actions, while the consistent presentation of the images in the PACS enables better comparison with priors.

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

Agfa will also showcase how the robust and cost-effective Dura-line family of detectors provides all the advantages of Direct Digital, while maximizing the use of existing equipment. Using Near-Field Communication (NFC) technology, Dura-line detectors can be shared between different modalities. 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 and excellent scintillator quality. Combined with MUSICA, they deliver high image quality at the lowest possible dose reasonably achievable.

Mobile DR: Exceptional ergonomics and agility

At JFR 2021, Agfa will show its groundbreaking DR 100s, which combines a remarkably narrow width and light weight with a powerful generator and image processing technology. The swift, motor-driven DR 100s delivers fast, high-quality DR imaging, quick image preview, excellent maneuverability, and ease of use, for comfortable bedside imaging. The latest release of DR100s supports

the radiographer with intelligent positioning powered by LiveVision technology with a 3D camera integrated in the tubehead.

Full range of digital radiography solutions

On the Agfa Radiology Forum, a new virtual platform, visitors can experience Agfa's comprehensive range of DR solutions in real-time 3D. The full range includes instant DR retrofits; non-motorized and motorized mobile units; motorized U-Arm and scalable floor mounted systems; automated, ceiling suspended systems; multifunctional DR systems for both radiography and fluoroscopy; and more.

Outlook on upcoming projects: advanced applications

"In our next projects, we will be particularly concentrating on our advanced applications, including digital tomosynthesis, full leg/full spine imaging, and digital subtraction angiography¹ for our genrad/fluoroscopy DR 800, which enables primary care hospitals to continue to offer this examination," reveals Frank Barzen, Head of Marketing and Pre-Sales Europe at Agfa.

"We are delighted to have the opportunity at JFR to meet face-to-face with our customers once again, and to share with them a full range of smart, sustainable solutions," comments Koen Vandewalle, Sales Manager Agfa Radiology Solutions France & BeLux. "More than ever, healthcare needs robust, intelligent answers to its real needs, including sustainability. We look forward to demonstrating how our systems are developing during their life cycle within completely new dimensions, to assist radiographers, radiologists and imaging departments to perform at their very best."

To find out more about how Agfa offers intelligent and sustainable radiography powered by MUSICA® image processing and SmartXR®, visit us at JFR 2021, October 8-11, Paris, booth 1N03.

¹ Not available in all regions. Please contact your local sales representative for availability in your area.

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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