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At JFR 2020, Agfa shows the increased productivity, high image quality and reduced dose benefits of its comprehensive portfolio of DR and CR

In the virtual booth, visitors will also discover digital tomosynthesis, the groundbreaking DR 100s mobile imaging unit, the DR Retrofit and the range of ‘shareable’ DR detectors

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- Agfa’s digital tomosynthesis solution, now available with the DR 600 and DR 800, adds clinical value to a wide range of applications.
- The new mobile DR 100s combines fast, high-quality DR imaging with excellent maneuverability and ease of use.
- The DR Retrofit turns analogue fixed and mobile systems into DR ‘in an instant’, while maximizing the value of the hospital’s existing X-ray investments
- As part of the #CountOnUs initiative to co-create and enable practical responses to the COVID-19 crisis, Agfa’s computed radiography (CR) and direct radiography (DR) retrofit solutions help enable care providers to quickly meet their current needs, while offering sustainable value.

At JFR 2020, which is scheduled for 2-5 October, Agfa’s online booth is designed to offer easy access to relevant information about multiple topics. Among the solutions visitors can discover are the new, high-productivity mobile DR 100s, Agfa’s digital tomosynthesis solution, the ceiling-suspended DR 600 and multi-purpose DR 800 X-ray rooms, and the DR Retrofit.

Groundbreaking high-productivity, ergonomic, mobile DR 100s

The DR 100s is Agfa’s new high-productivity, ergonomic, mobile DR imaging solution. Its compact, customer-driven design combines greater productivity and enhanced patient care with smooth maneuverability, for comfortable bedside imaging. The tube head with ZeroForce technology makes manual movement nearly effortless in all axes. Excellent DR image quality is combined with fast

image preview and a broad range of applications, including chest, abdominal, skeletal and stitched long-length exams.

Digital tomosynthesis: meaningful answers for a wide range of imaging domains

Agfa's digital tomosynthesis solution offers a fast, economical and low-dose technique to separate anatomical overlap in a variety of applications. Powered by MUSICA, digital tomosynthesis automatically delivers 3D reconstructions with optimal contrast and consistent quality across slices and images. It combines the advantages of multi-slice reconstruction with the low dose and fast workflow of general radiography, to deliver meaningful answers that help improve the patient's experience and outcome. Agfa's patented tomosynthesis algorithms overcome the usually slow iterative reconstruction process, for fast image reconstruction, delivering images with less noise and fewer artefacts.

Digital tomosynthesis is available for use with the DR 800 and DR 600, both of which will be shown at the virtual booth.

DR 800: intelligent genrad/fluoroscopy imaging

The DR 800 is a flexible, intelligent, dynamic imaging solution for general radiography and fluoroscopy exams, as well as minor interventional procedures. All exams can be carried out in one room – with one investment.

DR 600: ceiling-suspended, fully automated

The DR 600 is a high-productivity, fully automated X-ray room. It streamlines workflow and increases throughput, with technologies including ZeroForce and EasyStitch full leg/full spine imaging.

Fast DR workflow in an instant, with DR Retrofit

With the DR Retrofit, any hospital or clinic can make the move to DR, while maximizing existing investments. Analogue fixed, mobile, full leg/full spine and CR mammography systems³ become high-productivity DR units in an instant. The benefits are clear: fast, high-quality images and a smooth, productive workflow.

Maximum sustainability, with shared detectors

Agfa's DR detectors enable every hospital to benefit from a cassette-less workflow that increases productivity and speeds up workflow. The detectors fit into standard bucky trays and can be easily removed for versatility for all exams, patients and applications. They can also be shared across Agfa's entire DR portfolio, to maximize both quality and cost-effectiveness.

The MUSICA Acquisition Workstation: intelligence and efficiency for radiology

All Agfa DR and CR solutions are delivered with the MUSICA Acquisition Workstation, which provides efficiency and intelligence, with a single, intuitive interface.

The 'gold standard', intelligent MUSICA image processing software enables 'first time right' imaging, with the best image quality at the lowest possible dose¹, whether for general radiography, fluoroscopy, mammography² or full leg/full spine (FLFS).

Smart MUSICA tools and customer-driven functionalities deliver a flexibility and customization that meet the needs and tasks of technologists, radiologists and imaging facilities, while cyber-security tools help protect patient data and prevent disruptions to patient care.

#CountOnUs: partnering in solidarity

#CountOnUs is Agfa's initiative to co-create and enable practical responses to the COVID-19 crisis, hand-in-hand with clinical partners. Healthcare players are facing large volume demands for high-quality images, while simultaneously keeping imaging units properly disinfected and working. #CountOnUs uses a collaborative problem-solving mindset to find ways to increase their capacity, productivity and uptime – quickly and sustainably.

Through #CountOnUs, Agfa is also offering 9 months free use of its MUSICA Chest+ software, for customers and non-customers alike. Chest+, for gridless bedside imaging helps further increase speed and productivity by up to 30%, as

¹ Testing with board-certified radiologists has determined that Cesium Bromide (CR) and Cesium Iodide (DR) Detectors, when used with MUSICA image processing, can provide dose reductions between 50 to 60%, compared to traditional Barium Fluoro Bromide CR systems. Contact Agfa for more details.

² Mammography applications are not available on DR X-Ray solutions in France, the U.S. and Canada.

no grid positioning or disinfection is needed. It can be used with Agfa's CR and DR solutions, enabling care providers to meet their current needs, while offering value over the long term.

“JFR is a key international event for our customers in the strategic French market, and across many French-speaking countries that are very important for us. It gives us an opportunity to show how our comprehensive portfolio can answer the needs of vastly different types of healthcare environments and demands,” says Iskandar Accaoui, Radiology Solutions Division Manager – Europe of Agfa. “We invite visitors to our virtual booth, where they can discover how our solutions can help any hospital – of any size or budget – benefit from the increased productivity, high image quality and reduced dose of digital radiography.”

To find out more about Agfa's complete portfolio, visit our online JFR booth from 2-5 October.

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.

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