

**Agfa Press Office**  
Septestraat 27  
B – 2640 Mortsel  
Belgium

**Birgitte Baten**  
*Global PR and Advertising  
Manager Agfa*

T +32 (0)3 444 80 07  
[birgitte.baten@agfa.com](mailto:birgitte.baten@agfa.com)

**Johan Jacobs**  
*Corporate Press Relations  
Manager Agfa-Gevaert NV*

T +32 (0)3 444 80 15  
[johan.jacobs@agfa.com](mailto:johan.jacobs@agfa.com)

## **At ECR 2021, Agfa delivers on its promise and vision to transform digital radiography, with intelligent, meaningful answers to healthcare imaging needs**

### **By adding SmartXR artificial intelligence to the groundbreaking mobile DR 100s, Agfa brings intelligent assistance to the radiographer at the point of care**

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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.
- The mobile DR 100s, designed in collaboration with users around the world, combines fast, high-quality DR imaging with excellent maneuverability and ease of use.
- Agfa's digital tomosynthesis solution, available with the DR 600 and DR 800, adds clinical value to a wide range of applications, delivering fast image reconstruction and images with less noise and fewer artifacts.
- The #CountOnUs initiative continues to support hospitals with practical responses to the COVID-19 crisis, through solutions that enhance productivity in ER and ICU environments.

For the second year in a row, ECR is being held virtually, due to the health and safety requirements of the COVID-19 pandemic. As a long-term supporter of ECR, Agfa is pleased to participate with an online booth and demonstrations. During the event, Agfa will launch the groundbreaking SmartXR on its mobile DR 100s, using artificial intelligence (AI) to increase operational efficiency and clinical performance at the point of care.

At the booth, visitors can discover Agfa's comprehensive direct radiography (DR) portfolio. With solutions ranging from entry-level mobile units to multi-purpose, automated rooms, all powered by MUSICA, healthcare facilities of every size and budget can benefit from superb image quality and low radiation dose.

Highlights include digital tomosynthesis, which adds clinical value to a wide range of applications; the DX-D 300, delivering a compact solution for all exams; MUSICAFlex for unprecedented flexibility to match the MUSICA image processing to the radiologist's tastes; and Agfa's #CountOnUs initiative to support hospitals in the fight against COVID-19.

### **The radiographer's SmartXR 'assistant' goes mobile, with the DR 100s**

SmartXR adds targeted AI-based features to Agfa's DR solutions. It acts as an 'intelligent assistant' to the radiographer, enabling a smoother and more efficient daily imaging workflow, more consistent images, and dose reduction. 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.

Already available for Agfa's DR 600, SmartXR is being launched at ECR for the high-productivity, ergonomic, mobile DR 100s. The DR 100s, designed in collaboration with users around the world, offers a new force in mobile imaging, with 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.

### **Meaningful answers and clinical value, from digital tomosynthesis**

The online ECR booth will also include 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.

Patented tomosynthesis algorithms overcome the usually slow iterative reconstruction process, for fast image reconstruction, and images with less noise and fewer artifacts.

Digital tomosynthesis is available for use with the DR 800 and DR 600:

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

### **Flexible imaging excellence, powered by MUSICA**

Agfa's comprehensive, scalable DR portfolio and innovative technologies deliver high-quality imaging at low dose, for hospitals of any size and budget. At ECR, visitors can learn about the entire portfolio, including the compact DX-D 300: a quick and easy way to go direct digital. The fully motorized U-arm and small size make the floor-mounted DX-D 300 easy to use and cost-effective to install. It offers the versatility to capture a wide range of (complex) studies and exposures, yet requires minimal training. With immediate previews starting less than a second after exposure, the DX-D 300 helps reduce patient waiting time, increases diagnostic confidence and enhance patient security.

Like all of Agfa's DR systems, the DX-D 300 is powered by MUSICA. The MUSICA Imaging Workstation enhances workflow and productivity, with a single, intuitive interface for smooth, efficient DR imaging. Agfa's latest generation of its gold-standard MUSICA image processing provides "first time right" imaging. And with MUSICAFlex, radiologists have even more flexibility to match the MUSICA image processing to their own preferences and tastes.

## **Our customers can still #CountOnUs**

Throughout the global health crisis, Agfa has supported its clinical partners to create and implement practical responses. The #CountOnUs initiative focuses on finding ways to support imaging departments to increase their capacity, productivity and uptime, while offering value for the long term.

Around the world, hospitals have benefitted from the free 90-day demo of the MUSICA Chest+ software for gridless bedside imaging. This software, which can be used with all of Agfa's DR solutions, helps further increase speed and productivity of imaging by up to 30%, as no grid or disinfection of the grid is needed.

"More than ever, healthcare budgets are putting the pressure on to increase efficiency, while quality of care has to meet constantly stricter standards. At ECR 2021, we have the opportunity to show customers and the industry how we are delivering on our vision and promise to transform radiology, by bringing intelligent and definitive answers. Our systems are developing during their life cycle within completely new dimensions, and are designed to assist radiographers, radiologists and imaging departments to perform at their very best," says Georges Espada, Radiography Solution Business group leader of Agfa.

Schedule an appointment [here](#) to find out more about how Agfa is transforming digital radiography at ECR, 3-7 March 2021.

For an image, click [here](#)

### **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](http://www.agfa.com)



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