PRESS RELEASE

Agfa Press Office
Septestraat 27
B – 2640 Mortsel
Belgium

Marc De Fré
Global Marcom Director
Agfa NV

T +32 (0)3 444 73 19
marc.defre@agfa.com

Johan Jacobs
Corporate Press Relations
Manager Agfa-Gevaert NV

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

Agfa HealthCare continues to enable augmented intelligence in its IT and Imaging solutions to further improve productivity and patient care

Agfa HealthCare marks 25th edition of ECR by demonstrating the automated workflow and care quality benefits of AI-enabled* Enterprise Imaging and digital radiography

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- The Enterprise Imaging platform enables an organizational strategy that streamlines the patient's journey and enhances the delivery of cost effective quality care.
- With a strategy to embed evidence-based AI applications, the radiologists become the catalyst for informed and timely decisions, management and follow-up.
- Complete digital radiography portfolio, powered by the intelligent MUSICA acquisition workstation and innovative technologies deliver efficiency and quality.

(ECR, Expo Hall 4, booth # 403) Agfa HealthCare congratulates the European Society of Radiology (ESR) on the 25th occasion of the ECR event, and is proud to have participated in every edition since the beginning. A lot has changed over these years, but together with ESR, Agfa HealthCare has remained at the forefront of imaging, developing and innovating leading-edge radiology IT and radiography solutions.

The company continues this approach at ECR 2019, where it is demonstrating how bringing intelligence to its comprehensive IT and imaging portfolios will improve the delivery of patient care and productivity. Enterprise Imaging and digital radiography solutions powered by MUSICA enable workflow efficiencies and clinical collaboration, and enhance patient care, experiences and engagement.

In addition, Agfa HealthCare is participating in the the Artificial Intelligence Exhibition (AIX) area, presenting use cases and highlighting collaborations.

Transformation and consolidation in Enterprise Imaging

Visitors to ECR 2019 can discover how the increasing reach of its Enterprise Imaging solutions supports Agfa HealthCare's goal of assisting all departments and all sites of its customers around the world to deliver quality care. It is already enabling empowered image information management for over 400 customers globally.

Enterprise Imaging supports today's model of shared decision-making and value-based care, while meeting enterprise-wide economic and care quality requirements. The consolidated platform allows the integration of images and documents into the electronic health record (EHR) and removes barriers to data sharing. It connects radiologists with peers, facilitating second opinions, peer reviews and multidisciplinary team meetings, with "anywhere, anytime" sharing of images, reports and data. The radiologist becomes the catalyst for informedand timely diagnosis, treatment and follow-up.

Enterprise Imaging is part of a health IT portfolio of solutions, including Integrated Care and Electronic Medical Records, that complement each other to support quality care and informed decision-making, and accompany the patient step-by-step along the imaging journey, from scheduling, to preparation, to monitoring and follow-up. Supporting "Care You can See", this approach also fulfills the ECR 2019 theme of "The Bigger Picture."

"We are proud to again participate at ECR, at this very special 25th edition. Over the years, we have appreciated the opportunity it offers for exchanges with industry experts and for advancing the field towards more effective, efficient, personalized care," comments Luc Thijs, president of Agfa HealthCare. "With our Enterprise Imaging platform, we can build a quality care ecosystem for our customers that saves on costs from hardware and license fees, and security and risk mitigation, helping providers to meet their goals for patient care and long-term financial viability. And by embedding native and best of breed AI applications, we can realize the potential benefits of Augmented Intelligence,

while presenting information in a more meaningful paving the path towards precision health."

Intelligent radiography, powered by MUSICA

Agfa is bringing intelligence to the modality level, as well, with a focus on image quality, efficient, automated workflow and lower dose. The following smart tools integrate augmented intelligence (AI) to Agfa's DR products, to improve the imaging experience of patients and staff, pre-, during and post-acquisition:

- Pre-acquisition: personalized dose settings, intelligent collimation control;
- During acquisition: intelligent automated exposure control;
- Post-acquisition: automated image rotation, automated positioning and alert triggering.

Agfa-developed data analytics tools use the information in the direct radiography (DR) log files to create meaningful reports for optimizing radiology efficiency. Tailored reports can integrate data on rejects, manual cropping, deviation indices, exam times and more.

The gold standard MUSICA image processing brings intelligence to the entire DR imaging process, for "first time right" imaging. MUSICA3+ offers improved performance for difficult imaging requirements, while Dynamic MUSICA processes both general radiography and fluoroscopy images with the same, proven high image quality and efficient, automated workflow.

A comprehensive portfolio for today's imaging needs

At the Agfa booth, visitors can discover a comprehensive range of DR solutions, each powered by the MUSICA acquisition station and a choice of fixed and wireless detectors with either Cesium Iodide (CsI) or Gadolinium Oxy-Sulphide (GOS) technology. CsI also offers the potential for dose reduction[1].

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[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 HealthCare for more details.

- **Genrad/Fluoroscopy DR:**

The DR 800[2] offers superb, dynamic imaging that enables radiology to meet the growing demand for fluoroscopy, without making multiple investments. Flexible and multi-purpose, the system supports enhanced image quality, productivity and workflow efficiency for the busy imaging environment.

- **Ceiling-suspended DR:**

The fully automated DR 600 unites excellent automation with Agfa's top-of-the-line image quality. This high-productivity system streamlines workflow, increases throughput and enhances the experience of patients and operators alike. ZeroForce and EasyStitch full leg/full spine stitching technologies take the DR X-ray room to the next level.

- **Mobile DR:**

Offering fast, high-quality image capture and immediate image validation, transfer and access, the DX-D 100 delivers mobile imaging excellence. With the new, dedicated stitching cabinet and MUSICA stitching software, it enables mobile full leg/full spine imaging.

The mobile DR 100e[3] can be maneuvered down narrow corridors and set up wherever needed, for convenient, cost-effective bedside and ICU imaging. Yet the powerful X-ray generator, exquisite DR quality and MUSICA intelligence provide excellent performance and productivity.

- **DR Retrofit:**

The DR Retrofit brings the benefits of DR to any hospital or clinic, while maximizing existing investments. Analog and computed radiography (CR) modalities become high-productivity DR "in an instant": for fixed, mobile, full leg/full spine and CR mammography modalities. The results are clear: fast, high-quality images and a smooth, speedy workflow.

High-speed tomosynthesis

Agfa's tomosynthesis for DR creates multi-slice reconstructed images. Using iterative reconstruction in the new, patented tomosynthesis algorithms results in

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[2] DR800 is not available in Canada
[3] The DR100e is not available in the U.S. and Canada

less dose, noise and artifacts. The algorithms can reconstruct images very quickly (in less than one minute), enabling Agfa to overcome the usual slow iterative reconstruction process.

"We continue to innovate our DR portfolio with features and technologies that minimize exam preparation time, procedure time and the wait for images, enhancing user and patient satisfaction," explains Louis Kuitenbrouwer, Vice-president of the Radiology Solutions Division at Agfa. ""By delivering augmented intelligence in the imaging environment and beyond, Agfa strives to provide tools to further enhance the delivery of patient care, enable care givers to focus their efforts on value-added tasks, and support the goals of the care organization."

Agfa and Agfa HealthCare's capabilities will be on display at ECR 2019, February 27 to March 3, 2019 in Vienna, Austria, at the Agfa HealthCare booth, Expo Hall 4, booth # 403.

* Embedded AI Applications are currently completing advanced stages of validation and testing. Regional release and availability will be communicated via our local sales offices subject to completion of regulatory and country specific registrations where applicable.

For an image, courtesy of Agfa, click here

About Agfa

Agfa NV is one of the world's leading companies in imaging technology. Agfa NV develops, manufactures and markets analogue and digital systems for the printing industry, for the healthcare sector, and for specific industrial applications. The group has more than 150 years of imaging experience. The healthcare division delivers diagnostic imaging solutions that set standards in productivity, safety, clinical value and cost effectiveness. Agfa is headquartered in Mortsel, Belgium. The company is present in 40 countries and has agents in another 100 countries around the globe.

About Agfa HealthCare

Agfa HealthCare is a leading provider of healthcare IT solutions for hospitals and care centers around the world. The business group is a major player on the healthcare market, providing IT solutions to meet the needs of specialized clinicians.The business group is also a key provider on the healthcare information solutions market, integrating the administrative, financial and clinical workflows of individual hospitals and hospital groups.

For more information on Agfa HealthCare, please visit www.agfahealthcare.com or the Agfa HealthCare Blog

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