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## The Rotherham NHS Foundation Trust adds two more digital X-ray rooms to its portfolio of Agfa Digital Radiography solutions

### The fully automated DR 600 and “gold-standard” MUSICA™ image processing combine increased patient throughput, excellent image quality and low dose

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- High-performance, ceiling-suspended DR 600 streamlines workflow, increases throughput and enhances the experience of patients and operators alike.
- Intelligent MUSICA image processing delivers excellent image quality and, combined with Cesium Iodide detectors, potentially lowers dose by up to 60%<sup>1</sup>.
- All Agfa Digital Radiography solutions use the same interface, enabling faster staff training and uptake.

Agfa announces today that The Rotherham NHS Foundation Trust, in South Yorkshire, UK, has chosen to add two high-performance DR 600 X-ray rooms to its existing portfolio of Agfa Digital Radiography solutions already in use in the hospital. With the contract signed in September 2018, the first DR 600 X-ray room went live in December 2018.

The Rotherham NHS Foundation Trust is a modern, progressive Trust, with a reputation for clinical excellence and efficiency. It provides a wide range of health services to the people of Rotherham and to an increasing number of patients from further afield. Each year, the hospital handles approximately 55,000 inpatients and 250,000 outpatient attendances.

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<sup>1</sup> 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.

**Increased patient throughput in a busy hospital**

The Rotherham NHS Foundation Trust is a long-time Agfa customer, with multiple Agfa Digital Radiography solutions. For its new DR X-ray rooms, the Trust chose Agfa, based on Agfa's expertise in image quality and dose reduction, and the simplicity and ease of use of the solutions. Since its installation in December 2018, the first DR 600 X-ray room has already increased patient throughput significantly in the hospital.

**Intelligent MUSICA for dose reduction and high-quality images**

All of Agfa's Digital Radiography solutions, including the DR 600, come with Agfa's "gold-standard" MUSICA image processing software, which brings intelligence to the entire digital imaging process for "first time right" imaging without manual post-processing.

Analyzing each image and automatically applying the appropriate image enhancement parameters – regardless of exam type –, MUSICA consistently provides the high-quality images needed to support diagnosis. In combination with the DR 600 Cesium Iodide detectors, MUSICA can help support the delivery of the lowest patient radiation dose reasonably achievable (ALARA)<sup>1</sup>.

**DR 600: innovative features for optimized productivity and comfort**

Fully automated, the DR 600 streamlines workflow, increases throughput and enhances the experience of patients and operators alike. The ceiling-suspended DR 600 delivers high speed, precision and comfort, with innovative technologies including ZeroForce Technology for quick, easy manual movement of the tube head; EasyStitch Technology for full leg/full spine imaging; and X-team Technology for efficient collaboration.

**A common interface enables ease of use**

All Agfa Digital Radiography solutions work with the same user interface. This allows faster staff training and uptake of new solutions, and supports a smoother, easier workflow.

"Our new DR 600 has enhanced the X-ray room's workflow and sped up examination time, while enabling us to provide patients the privacy and dignity they deserve," comments Rachel Beckett, Clinical lead for plain film, Clinical

Radiology of The Rotherham NHS Foundation Trust. “The excellent image quality aids in diagnosis, and the reduced patient radiation dose supports our commitment to offering the best care.”

“We are very proud of the confidence The Rotherham NHS Foundation Trust continues to place in Agfa and our solutions,” says Martin Tew, Imaging Sales Director and Service Manager UK & Eire of Agfa. “In addition to our expertise in image quality and dose reduction, robustness, speed and aftersales support were all significant factors in the choice of Agfa for the new DR rooms. We look forward to our continued collaboration with The Rotherham NHS Foundation Trust.”

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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