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Royal Bolton Hospital chooses to install three Agfa DR 600 fully automated direct radiography rooms

The DR 600 provides a solution for high-quality images and low dose, with a smooth radiography workflow and first-time-right imaging

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- The top-performance, ceiling-suspended DR 600 “works the way radiographers work”, to deliver a streamlined workflow, excellent image quality and low dose.
- MUSICA® supports superior “first time right” imaging that reduces retakes and increases patient throughput and comfort.
- Agfa and Royal Bolton teams are collaborating closely on a reference tool offering guidance to radiographers on imaging techniques.

The 620-bed Royal Bolton Hospital is part of the Bolton NHS Foundation Trust, an integrated healthcare provider that delivers health services across a number of sites in the North West Sector of Greater Manchester. In 2021, the hospital ordered its first Agfa solutions: three fully automated DR 600 direct radiography rooms. Turnkey works at the hospital began in October, and delivery of the DR solutions will take place in December.

“The Royal Bolton X-ray team takes great pride in their imaging techniques and clinical image quality. We have a ‘first time right’ approach to delivering excellent imaging quality and training, that matches Agfa’s. We were attracted to the DR 600 by the focus on dose reduction, through immediate feedback on dose measured against LDRL (Local Dose Reference Levels), and the positive impact that the software design had on patient flow. In addition, we are very pleased to have found a general X-ray room that has the ability to work with the radiographer in achieving optimal image first time, through customization of the software,” comments Dr. Amanda Martin, Lead Radiographer, Royal Bolton Hospital.

“We are delighted that Bolton NHS Foundation Trust have put their confidence in Agfa and in our DR 600, which offers intelligent, leading-edge technology to ensure patient and operator comfort in the most complex and busy healthcare environments. Our team is collaborating closely with the team at Royal Bolton to develop an educational tool that will help radiographers understand specific positioning for both simple and complicated studies,” comments Martin Tew, Sales Director UK & Ireland for Agfa.

Streamlined workflow that maximizes operator and patient comfort

The top-performance, ceiling-suspended DR 600 provides the radiology department with a fully automated and integrated solution offering high-quality images and maximum versatility. It streamlines workflow and increases throughput, enhancing the experience of patients and operators alike with technologies including ZeroForce maneuverability and EasyStitch full leg/full spine imaging.

High-quality “first time right” imaging

Like all of Agfa’s DR systems, the DR 600 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 software provides “first time right” imaging, supporting ALARA (*as low as reasonably achievable*) principles for radiation dose.

Accurate and efficient dose management, for enhanced patient safety

By using leading-edge Automatic Exposure Control for high-speed accuracy and collimators with Dose Area Product meter, the DR 600 optimizes and automatically reports doses. Short exposures offered by new dose sensing technology keep dose measurement accurate to the millisecond.

Dr. Amanda Martin concludes, “In short, the DR 600 works the way radiographers work. And it has the ability to address patient safety and radiographer education, whilst ensuring high-quality images are produced first time.”

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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