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## **University of Cumbria chooses Agfa DR 600 rooms for its diagnostic radiography program**

### **Top-performance DR 600 rooms at the university's Lancaster and Carlisle campuses will support students to understand how digital solutions are transforming radiography**

Mortselsel, Belgium – 27 October 2022 – 14:00 CET

- The DR 600 rooms will be used to simulate clinical practice, helping reduce the training burden on the NHS and educating students on using the latest DR systems.
- The top-performance, fully automated ceiling-suspended DR 600 maximizes productivity and throughput, with an enhanced experience for patients and operators alike.
- MUSICA® enables “first time right” imaging, reducing retakes and supporting ALARA principles for radiation dose.

Two Agfa DR 600 direct radiography rooms have been installed at the University of Cumbria's Lancaster and Carlisle campuses. This 5-campus university in the northwest of England offers a BSc (Hons) in Diagnostic Radiography. A key component of the course is laboratories where students can learn using 'live' X-ray equipment which replicates the real-life clinical experience they will get on placements in a front-line NHS Radiology Department.

Charles Sloane, Principal Lecturer, explains: “We are delighted with the new X-ray rooms. The user interface is perfect for teaching student radiographers. The DR 600 is very versatile and gives us a huge amount of flexibility to show ‘what is under the hood’ and to explain the basic concepts of exposure factor selection, exposure evaluation and image manipulation.”

“We are using the equipment to simulate clinical practice which takes some of the training burden from the NHS, where resources are very stretched. The equipment will benefit a large number of students and will be used to address chronic workforce shortages in radiography.”

### **Image quality and workflow benefits**

The DR 600 is a high-productivity, fully automatic, ceiling-suspended, direct radiography X-ray room, which streamlines workflow and increases throughput. Proven technologies including ZeroForce™ maneuverability and EasyStitch™ full leg/full spine imaging enhance the experience of patients and operators alike. EasyStitch minimizes distortions, for high-precision full leg/full spine imaging.

Like all of Agfa's DR systems, the DR 600 is powered by MUSICA, with a single, intuitive user interface for smooth, efficient DR imaging. Agfa's latest generation, gold-standard MUSICA image processing software provides "first time right" imaging, reducing retakes and supporting ALARA (*as low as reasonably achievable*) principles for radiation dose.

### **"First-time right" imaging**

"We are very pleased that the University of Cumbria has chosen to strengthen the relationship with Agfa with the selection of the two DR 600 rooms. While the university has previously used our DR Retrofit™ solutions, the fully automatic DR 600 will help students to better understand the latest DR X-ray systems on the market, and how they are transforming the way radiographers work. It will also give them greater knowledge of 'right first time' imaging, and lead them to understanding positioning technique better," says Martin Tew - Sales Director UK & Ireland for Agfa.

### **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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