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## Unique 'hybrid' Agfa DR room at Seacroft Hospital, Leeds, will support improvements in diagnostic imaging education in the UK

The joint venture between the University of Leeds, Leeds Teaching Hospitals, and Agfa has enabled the UK's first 'Clinical Skills' X-ray room

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- The 'hybrid' Clinical Skills X-ray room at Seacroft Hospital is fitted for both live imaging and simulations.
- It gives University of Leeds undergraduates the unique chance to learn and practice X-ray imaging with live patients and simulations.
- The high-performing, ceiling-suspended Agfa DR 600 delivers a streamlined workflow, excellent image quality and low dose.
- The bidirectional collaboration between Agfa and the University of Leeds also creates an 'Al incubator' for extended innovation.

Seacroft Hospital, in Leeds, UK, is part of the Leeds Teaching Hospitals NHS Trust, one of the UK's largest and busiest acute hospital trusts. 1.5 million patients are treated every year by the Trust, including more than 200,000 emergency patients. The Trust also plays an important role in the training and education of medical, nursing and dental students, and it is a center of world-class research, pioneering new treatments. To fulfil its educational responsibilities, it maintains a strong partnership with the University of Leeds, as well as with other universities and colleges.

## Collaborating on a pioneering initiative

As part of a joint venture between Leeds Teaching Hospitals NHS Trust, the University of Leeds and Agfa, a DR 600 X-ray room was installed at Seacroft Hospital. This DR room was set up as a 'hybrid' X-ray room for both live imaging and simulations. It is thus the first 'Clinical Skills' X-ray room of its kind, and can be used both for training student radiographers, and for treating the hospital's patients.



"The Clinical Skills room offers a solution to a known need in the UK for increasing the number of students studying diagnostic imaging. This facility will provide the student radiographers with a unique opportunity to both work with simulations, and also with actual patients. The diagnostic radiography education team are not aware of another academic university in the UK being able to offer this opportunity to its students, but considering the advantages, we imagine more will follow suit in the future," stated Voyin Pantic, Radiography Lecturer, and Helen Harcus, Programme Lead for Diagnostic Radiography.

"We are extremely proud to have collaborated with Leeds Teaching Hospitals NHS Trust and the University of Leeds on this pioneering project. Both of these institutions are leaders in providing excellence in medical education in the UK. We are delighted that the DR 600 fit the needs for this unique Clinical Skills X-ray room," says Marc Laukam, Key Account Manager, United Kingdom, for Agfa.

"This bidirectional collaboration between industry and academia at a core educational level opens up a new platform for testing innovation in the areas of intelligence and user models. By enabling opportunities to monitor and learn, it offers an incubator for possible future extensions of our Al applications. And it will be the source of new white papers and other educational material that will benefit the healthcare sector at large," explains Georges Espada, Head of Digital Radiography, Agfa.

## **Top-performance DR room**

The high-performing, ceiling-suspended DR 600 delivers a streamlined workflow, increased patient throughput, excellent image quality and low dose. It maximizes operator and patient comfort, in a complete and integrated solution offering high-quality images and maximum versatility.

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.



## **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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