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Specialist heart and lung center Royal Brompton Hospital, UK, seamlessly upgrades to DR ‘in an instant’, with 2 Agfa DR Retrofits

MUSICA image processing with Chest+ offers unique features for heart and lung imaging, including catheter processing and gridless chest imaging

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- The versatile DR workflow supports increased patient throughput and reduced radiation dose.
- MUSICA Chest+ for gridless bedside imaging helps increase speed and productivity by up to 30%.
- Installing the DR Retrofit is fast, non-invasive and risk-free.

In November 2020, Agfa delivered two new DR Retrofit systems with MUSICA image processing to the Royal Brompton Hospital in London, to upgrade its mobile and fixed X-ray capabilities from computed radiography (CR) to direct radiography (DR). Installation was quick and easy, and training was completed at the start of December.

Increased productivity, reduced dose

The Royal Brompton Hospital is part of the Royal Brompton & Harefield Hospitals NHS Foundation Trust, which is the largest specialist heart and lung center in the UK, and among the largest in Europe. Royal Brompton Hospital is supporting the NHS response to the COVID-19 pandemic. In particular, as one of only five ECMO (extracorporeal membrane oxygenation) centers in the UK, it is treating patients with the most severe respiratory failure, who are transferred there from other NHS Trusts.

In November, the hospital installed two new DR Retrofit systems, upgrading its Agfa CR to DR. With just a laptop and a digital detector, the vendor-neutral DR Retrofit has turned the hospital’s existing mobile imaging units and fixed X-ray rooms into DR solutions in an instant. The versatile DR workflow supports increased patient throughput and reduced dose.

'First time right' gridless bedside chest imaging

The DR Retrofits come with Agfa's intelligent MUSICA image processing and MUSICA Chest+ which offers 'first time right' chest imaging with no grids. The software enables consistent bedside chest imaging without the need to position or disinfect grids, which helps increase speed and productivity by up to 30%. In addition to the faster imaging process, there are fewer rejections due to bad grid alignment, and the risk of repetitive strain injury is reduced.

"We are very pleased that the Royal Brompton Hospital has chosen to 'go DR' with Agfa," comments Jagesh Buttoo, Agfa's Business Development Manager for London & East England. "Our DR Retrofit with MUSICA image processing software has enabled the hospital to seamlessly move from Agfa CR to a versatile DR workflow. A quick and easy installation brings the benefits of increased patient throughput, reduced dose and unique imaging features such as catheter processing and gridless chest imaging."

"Agfa's DR Retrofit systems will support us to meet our patient care goals and responsibilities, now and in the future," says Natalie Gartland, Deputy Imaging Services Manager of Royal Brompton and Harefield NHS Foundation Trust. "As our staff were already familiar with the Agfa CR, training for the DR Retrofit was easy, and everyone was quickly up to speed with the enhanced workflow. Upgrading to DR will make our imaging more efficient overall. But with the MUSICA Chest+ for gridless bedside chest imaging, our mobile imaging in particular will see a big increase in productivity, as well as in comfort for both staff and patients."

For a picture, 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.

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