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## **Watford General Hospital, UK, refurbishes two X-ray rooms with fully-automated, ceiling-suspended Agfa DR 600 solutions**

### **A mobile DR 100s system adds fast, high-quality and comfortable bedside DR imaging for the Emergency Department**

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- The ceiling-suspended DR 600 delivers a streamlined workflow, increased patient throughput, excellent image quality and low radiation dose.
- The groundbreaking mobile DR 100s, designed in collaboration with users around the world, combines fast, high-quality direct radiography (DR) imaging with excellent maneuverability and ease of use.
- Previous experience with Agfa computed radiography (CR) enabled staff to familiarize themselves quickly with the new DR systems.

Watford General Hospital, part of the West Hertfordshire Hospitals NHS Trust, has refurbished two existing X-ray rooms in its emergency department with Agfa's ceiling-suspended DR 600 solutions, and implemented a mobile DR 100s unit to provide imaging in A&E. Despite the COVID-19 crisis, the three Agfa solutions were successfully implemented in December 2020.

#### **An increasing workload in a busy department**

West Hertfordshire Hospitals NHS Trust, in Hertfordshire, UK, manages three hospitals, including Watford General Hospital. This acute, 500-bed district general hospital sees around 1 million patients each year, while its busy emergency department handles some 80,000 patients.

With the ever-increasing workload, two X-ray rooms in the emergency department needed to be updated. As an existing customer for Agfa's computed radiography (CR) systems, Watford General Hospital chose two DR 600 direct radiography (DR) solutions for the rooms. At the same time, a mobile DR 100s unit was ordered to provide imaging in A&E.

### **Increased productivity and throughput with DR 600**

The DR 600 is a high-productivity, ceiling-suspended X-ray device which powers the X-ray room. It is a complete and integrated solution that provides high-quality images while maximizing versatility. The DR 600 streamlines workflow and increases throughput, enhancing the experience of patients and operators alike with technologies including ZeroForce maneuverability and the latest in auto positioning including fully automated tracking and one touch manual positioning. This makes it ideal for a very busy environment such as the emergency department of Watford General Hospital.

### **Exceptional mobile ergonomics and agility: DR 100s**

For the Emergency Department, Watford General Hospital chose Agfa's groundbreaking DR 100s, which combines a narrow width and light weight with a powerful generator and image processing. The swift, motor-driven DR 100s delivers fast, high-quality DR imaging, quick image preview, excellent maneuverability and ease of use, and is ideal for comfortable bedside imaging in a demanding critical care environment. The tube head with ZeroForce technology makes manual movement nearly effortless in all three axes.

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

Like all of Agfa's DR systems, the DR 600 and DR 100s are 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.

### **High-quality images combined with ease of use**

"When selecting our new DR fixed and mobile systems, robustness and high image quality were critical, but we also needed solutions that would be easy for our staff to use. The DR 600 and DR 100s both fit the bill," says Antony Butcher, A&E Lead Radiographer for Watford General Hospital. "The upgrade from CR to DR for mobile imaging has proved invaluable especially in the current climate. As our radiography staff were already familiar with Agfa's CR systems, they very quickly learned to use the DR equipment. Now, the department can rely on the

newly refurbished X-ray rooms, and the new mobile DR 100s unit, to support the increasing workload in our emergency setting and to increase patient throughput. Both rooms perform about 67000 examinations pa.”

“We are very proud that Watford General Hospital and West Hertfordshire Hospitals NHS Trust, as existing Agfa CR customers, chose Agfa for their DR needs in the emergency department,” says Jagesh Buttoo, Business Development Manager – London and East England, for Agfa. “The two DR 600 X-ray rooms, complemented by the mobile DR 100s, provide a total Agfa DR solution for this challenging environment. The staff can do their work with confidence that they are using state-of-the-art DR, including MUSICA software, to provide the best imaging for their patients and to reduce dose.”

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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