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Jehangir Hospital and Research Center, in Pune, India, chooses Agfa’s DR 800, which supports a broad range of exams with a single room and investment

The DR 800 installed at the hospital includes digital subtraction angiography (DSA), tomosynthesis and fluoroscopy, to enhance diagnostic precision and patient care

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- The multi-purpose DR 800 supports this large hospital to increase its X-ray capacity and to deliver additional patient imaging services.
- The DR 800 handles a full range of radiography and fluoroscopy exams and delivers a smooth and efficient workflow for angiography exams.
- Dynamic MUSICA® processes both static and moving images with the proven MUSICA® high image quality and efficient workflow.

First DR 800 installation in India

Agfa is proud to announce that in January 2023, Jehangir Hospital and Research Center installed a new DR 800 direct radiography multi-purpose room with 80 Kw generator and powered by features like digital subtraction angiography (DSA), tomosynthesis and fluoroscopy. The DR 800 imaging multitool adds clinical value to a wide range of applications, with a single room and a single investment.

Jehangir Hospital and Research Center is a 350-bed facility that has been providing quality healthcare services in Pune, India, for 78 years. This large hospital brings the key medical specialties and superspecialties together under one roof, to support the health needs of the city’s population. Each month, the radiology department attends to around 3,000 patients.

Flexibility and image quality

“We were impressed with the novel design of the DR 800, which allows multiple applications to be handled by one unit. In addition, the image quality, and especially the role of the MUSICA® image processing, played a key role in our

choice. The DR 800 enables us to diagnose with more precision and accuracy, and further enhance our delivery of quality patient care. We are delighted with not only the technology, but the service and support of Agfa, and look forward to growing our relationship in the future,” says Dr. Vikas Ojha, head of the department - Radiology, of Jehangir Hospital and Research Center.

“We are very proud that Jehangir Hospital and Research Center has chosen to install our DR 800. The hospital is committed to leading game-changing developments in healthcare, and we are confident that the DR 800 will support this ongoing journey. As Jehangir Hospital and Research Center is one of the largest corporate hospitals in Pune, with a very busy imaging department, the installation of this DR 800 will benefit a large portion of the population in and around the city,” says Ashok Mudliyar, Sales Manager (west - India) of Agfa.

Sustainable imaging, with efficiency, speed and higher throughput

The versatile DR 800 is the heart of ‘sustainable imaging’. This flexible DR multitool enables Jehangir Hospital and Research Center to perform a full range of radiography and fluoroscopy exams, with a single investment and room.

The hospital has chosen to enhance its DR 800 with the DSA and tomosynthesis solutions:

- DSA improves the diagnostic visualization of vascular structures in bony or dense soft tissue, by removing stationary anatomical background structures. In the DR 800, the DSA functionality enables a smooth and efficient workflow for angiography examinations.
- The digital tomosynthesis solution automatically delivers 3D reconstructions with optimal contrast and consistent quality across slices and images. The DR 800 with tomosynthesis can capture a 30-degree tomo sequence in only 10 seconds, enabling a high patient throughput – a key advantage in the busy imaging department at Jehangir Hospital and Research Center.

MUSICA® image quality and ‘first time right’ imaging

Like all of Agfa’s DR systems, the DR 800 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 provides “first time right” imaging, supporting ALARA (*as low as reasonably achievable*) principles for radiation dose. The Dynamic MUSICA® processes both static and moving images with the same proven, high image quality and efficient workflow.

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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