High-performance Direct Radiography Solution Enhances Staff Ergonomics

Agfa HealthCare has announced an agreement with Belgian university hospital UZ Brussels to implement its DX-D 800 direct radiography (DR) solution in the hospital's emergency department. The DX-D 800 is a 3-in-1 solution that requires one investment to deliver a range of applications for all types of examinations. It offers real-time images for fluoroscopy, general radiography and direct exposures, using a single detachable, tethered detector.

Clinical Excellence
UZ Brussels is a teaching hospital in the northern part of the city of Brussels. The hospital counts 700 beds; each year it admits more than 25,000 inpatients and treats more than 400,000 outpatients. Its overall aim is to provide patients with the best care, through clinical excellence, scientific commitment and human-centric teaching.

The hospital selected the DX-D 800 based on its performance and functionalities. "We chose Agfa HealthCare's DX-D-800 direct X-ray room because it is the next generation in direct radiography," explains Professor Johan De Mey, Radiologist, Head of Radiology and Medical Imaging, UZ Brussels. "The system is very convenient to use and it offers everything radiography needs today."

In particular, the 180 cm Source Image Distance (SID), which is critical for thorax imaging; the removabledetector for free exposures; the camera on the collimator; and the flat patient table with long amplitude played a role in the hospital's choice of the DX-D 800.

Agfa HealthCare's DX-D 800 is a complete direct X-ray room fitted with a dynamic, portable and removable flat-panel detector. It delivers a 3-in-1 solution, for general radiography, fluoroscopy and free exposures, using a single, detachable, tethered detector. Full leg/full spine capabilities come as standard with the solution. And it eliminates the need for additional specialist rooms.

Its versatility makes it ideal for pediatric, extremity and lateral images, as well as for use with patients with reduced mobility. Moreover the anti-scatter grid can be easily removed for pediatric examinations and extremity procedures.

Dose reduction potential
The DX-D 800 comes with a remote-controlled table, maximizing comfort for both patient and staff. A video camera allows remote patient positioning without radiation. The system also has pre-determined automatic collimation and filters for each protocol, which allows a potential dose reduction while optimizing image quality.

Innovative design concept
"We are very pleased to be implementing the DX-D 800 within UZ Brussels," comments Hans Vandewyngaerde, Vice President EMEA region, Agfa HealthCare. "This is more than just a converted X-ray room: it is an innovative design concept that will offer the UZ Brussels staff greater ergonomics, and their patients greater comfort. We look forward to continuing to build our relationship with this pioneering university hospital."

For more information, please visit:
www.agfa.com

Published on : Mon, 4 Mar 2013