

Carestream Mobile Digital Radiography System Halves X-ray Dosage at Paris Hospital



A 50% reduction in X-ray dosage has been achieved after the University Hospital Tenon, Paris installed a CARESTREAM DRX-Revolution Mobile X-ray System.

The Resuscitation Department and Thoracic Surgery Department drive over 70% of X-rays taken at the bedside and after six months of use, 60% of those X-rays are now performed using the DRX-Revolution.

“We wanted a system that was very easy to manoeuvre and operate so that it could also be used in the emergency department and above all provide us with excellent image quality combined with a low dosage,” said Radiology Department Healthcare Manager, Eric Quehen.

“To be sure we were making the right choice, we tested the DRX-Revolution for four days and got very good feedback. It is very easy to use day to day, with innovations like the option of simply putting a protective cover over the detector or its telescopic column which means you can see over it when taking it along corridors. You get the feeling that this product has been developed with the involvement of radiographers.”

Staff working in the Resuscitation Department say that they appreciate being able to control the positioning of a probe “live”, as well as the capability for tube and line visualisation. This feature uses a single exposure to display an enhanced companion image, which can be enhanced for a clear view of tubes and PICC lines or to accentuate the appearance of free air in the chest cavity. Allowing physicians to verify correct line placements in seconds or identify the presence of a pneumothorax helps improve patient care and comfort, while simultaneously reducing the need for multiple imaging exams and multiple exposures.

Source: Carestream

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