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Combined fluoroscopy solution provides excellent image quality at Eastbourne DGH

Eastbourne District General Hospital, part of East Sussex Healthcare NHS Trust, is benefitting from high quality images for enhanced clinical diagnosis following the installation of an AXIOM Luminos dRF™ from Siemens Healthcare. The two-in-one fully digital radiography and fluoroscopy system produces instant images via the fixed 43cm x 43cm detector in the table and the wireless detector.

The system's flexibility is allowing Eastbourne DGH to use it for a wide variety of fluoroscopy imaging procedures on a daily basis as well as digital x-ray imaging. The Luminos dRF was primarily chosen due to its CARE (Combined Applications to Reduce Exposure) features which support excellent image quality at the lowest achievable X-ray dose. Throughput has also been enhanced due to the versatility and mobility of the wireless detector and the low table which allows geriatric and bariatric patients to use it with minimal handling and eliminating the use of a hoist.

The Luminos dRF benefits from advanced post-processing features such as its enhanced DiamondViewPlus software. This helps the hospital to optimise the detail contrast and noise level of images to further improve quality and reduce the need for retakes. In turn this assists with maximising productivity, allowing clinicians to make accurate decisions in a short amount of time.

“We were facing challenges due to patients with limited mobility struggling to get on the previous table. The Luminos dRF solves this by providing a low table and enhanced weight capacity, meaning minimal handling is needed to position the patient,” states Kathryn Dixon, Clinical Modality Manager of General, Interventional, Mammography and Fluoroscopy at Eastbourne District General Hospital. “The Luminos dRF system has already proven to be as easy-to-use and intuitive as our

other Siemens systems on site and the applications team was superb when it came to installation and training.”

“As the NHS faces challenges such as an ageing population and an increasing numbers of bariatric patients, everyday imaging systems need to be flexible and accommodating to meet these changes. The Luminos dRF tabletop can go as low as 48cm, making positioning easier for heavier or immobile patients,” states Paul Vaughan, Regional Sales Manager at Siemens Healthcare. “We are delighted Eastbourne DGH is benefiting from improved departmental workflow and an enhanced patient experience as a result of the installation.”

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Picture caption: Eastbourne District General Hospital benefits from excellent image quality with the recently installed AXIOM Luminos dRF™ from Siemens Healthcare. [Left to Right] Alex Edwards, Product Specialist at Siemens Healthcare; Yvette Delaurney, Advanced Practitioner Radiography; Shaun Waters, Senior Radiographer; Kathryn Dixon, Clinical Modality Manager of General, Interventional, Mammography and Fluoroscopy at Eastbourne District General Hospital; Joanne McAuliffe, Product Manager at Siemens Healthcare and Paul Vaughan, Regional Sales Manager at Siemens Healthcare.

