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## CT system aids interventional and colonography procedures at Royal Gwent Hospital

Royal Gwent Hospital, part of Aneurin Bevan University Health Board, has bolstered its CT interventional and colonography capabilities as a result of installing a SOMATOM® Definition Edge system from Siemens Healthcare. The system marks the second installation of a Definition Edge by the Health Board, following positive feedback received from staff in the key areas of dose reduction and image quality.

Radiographers have already stated that its intuitive interface, optimised patient-centric imaging and reduction in electronic noise are assisting with departmental workflow. The Definition Edge helps to improve spatial resolution in CT by generating ultra-thin slices. The system's Stellar Detector, the first fully-integrated detector that significantly reduces electronic noise, combined with SAFIRE, Siemens' raw-data-based interactive reconstruction, work in harmony to complement the Edge's low dose imaging.

"Through the investment in this technology, made possible by Aneurin Bevan University Health Board, we are able to provide the highest levels of service to our patients," states Andrew Carter, Radiology Services Manager at Royal Gwent and Nevill Hall Hospital. "The low dose functionality offered by Siemens Healthcare's Definition Edge CT system, alongside the high quality image quality, is of considerable benefit to clinicians and patients alike."

"Siemens is proud to continue its strong working relationship with Royal Gwent Hospital with this system installation," states Darren Parker, Regional Sales Manager at Siemens Healthcare. "By generating ultra-thin slices, the SOMATOM

Definition Edge delivers the highest spatial resolution in CT and takes imaging to a new level. The high imaging standards and dose reduction features provide clinicians with the toolkit to optimise procedures and streamline departmental workflow.”

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**Picture caption:**

Royal Gwent Hospital, part of Aneurin Bevan University Health Board, has bolstered its CT capabilities as a result of installing a SOMATOM® Definition Edge system from Siemens Healthcare. [Left to right] Andrew Carter, Radiology Services Manager; Ben Day, Senior Radiographer; Laura Harte, Senior Radiographer; Batsi Chaiteizwi, Senior Radiographer; Nicola Jones, Superintendent Radiographer; Jephias Nyamunda, Senior Radiographer; Sarah Davies, Senior Radiographer; Charity Mukwenya, Senior Radiographer at Royal Gwent Hospital; and Darren Parker, Regional Sales Manager at Siemens Healthcare.



[Left to right] Darren Parker, Regional Sales Manager at Siemens Healthcare; Nicola Jones, Superintendent Radiographer and Andrew Carter, Radiology Services Manager at Royal Gwent Hospital with the SOMATOM<sup>®</sup> Definition Edge system from Siemens Healthcare.

