

UK's First Advanced Interventional Imaging System



The Royal Free Hospital in North London has opened the UK's first advanced interventional imaging system, Artis zeego from Siemens Healthcare. The device, based on robotic technology, will enable the hospital's vascular surgeons and radiologists to perform highly complex procedures such as vascular surgery for aortic aneurysms without the need for open chest or abdominal surgery. More minimally invasive procedures will lessen patient risk during surgery, reduce after-surgery care and hospital stays, plus extend the range of eligible patients to include older and less fit patients.

The Artis zeego will give us the image detail we need in one system, without having to transfer patients from X-ray to the interventional suite. As well as streamlining the treatment process, we will also be able to deal with more complex cases in a less invasive way," said George Hamilton, Professor of Vascular Surgery at the Royal Free Hospital. "The robotic technology is state-of-the-art and its benefits will extend beyond the operating theatre, enabling us to treat more patients more safely in less time, offer quicker recovery and improved throughput."

The Royal Free Hospital will also be using Siemens' syngo DynaCT with the Artis zeego, an application that delivers 3D cross-sectional, large-volume images of a specified area to the tableside within 30 seconds. This versatile solution eliminates the need to transfer patients for pre and post operative imaging, keeping angio and CT suites free for diagnostic use. This means that patients with ruptured aneurysms can be treated in the best environment with expected better survival outcomes, more patients can be treated in less time and throughput is kept consistent.

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