

## Siemens Healthineers Announces First U.S. Installation of ARTIS icono Biplane Angiography System

- **UW Health's University Hospital in Madison, Wis., is first U.S. facility to install system, which enables wide range of interventional procedures**

UW Health's University Hospital in Madison, Wis., recently became the first healthcare facility in the United States to install the ARTIS icono biplane system from Siemens Healthineers. A member of the new ARTIS icono platform of high-precision angiography systems, the ARTIS icono biplane has been designed to enhance workflow as well as balance dose and image quality – specifically, when visualizing extremely intricate structures in 2D and 3D.

A key feature of the ARTIS icono platform is the new OPTIQ imaging chain, which ensures optimal image quality while balancing radiation dose to patients and staff. Additionally, the ARTIS icono biplane boasts several new features for-stroke treatment and other neuro procedures. syngo DynaCT Sine Spin, a new form of cone beam CT, delivers images with fewer cone beam CT artifacts in the basal area of the brain and near the skull. syngo DynaCT Multiphase produces time-resolved cone beam CT volumes without requiring the patient to be moved to a CT scanner. syngo DynaCT High Speed can shorten low-contrast 3D imaging from 20 seconds to eight, for CT-like images that are less susceptible to movement artifacts. Finally, the Twin Spin feature enables seamless switching between 2D biplanar imaging and 3D imaging. Together, these features enable increased visualization of challenging anatomy and accelerate workflow.

Additionally, the ARTIS icono biplane provides rapid flexibility for multidisciplinary lab use. With Lateral Plane Switch, the user can move the detector's position from the patient's right side (for interventional procedures) to the left side (for cardiovascular procedures) in under 90 seconds.

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“Siemens Healthineers is proud to provide UW Health, Madison, with the ARTIS icono biplane, which sets new standards in image quality and workflow for minimally invasive procedures, ushering in a new era of precision medicine,” said Lara Barghout, Senior Vice President of Advanced Therapies at Siemens Healthineers North America.

“We are delighted to be the first U.S. health system to host this new imaging technology, which will give our neuroendovascular surgeons the ability to better visualize brain and spinal cord vessels, improve our care of stroke and tumors, and be a platform to deliver future treatments for many brain disorders,” said Robert Dempsey, MD, chair of the Department of Neurological Surgery at the UW School of Medicine and Public Health. “The ARTIS icono biplane, in the hands of our highly skilled surgeons, will allow UW Health to give our patients accurate diagnoses and treatment plans for these difficult disorders.”<sup>1</sup>

<sup>1</sup> The statements by Siemens Healthineers customers described herein are based on results that were achieved in the customer's unique setting. Because there is no “typical” hospital or laboratory and many variables exist (e.g., hospital size, samples mix, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

For further information on the ARTIS icono biplane, please see

<http://siemens-healthineers.us/artis-icono>

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