A Global First: Hybrid OR with Artis zeego and the MAQUET MAGNUS OR Table

The hospital decided to build an operating room that could be used for interventional and hybrid procedures, as well as for open surgery. Cardiac surgeons and cardiologists are working in the theatre performing a range of procedures, from PCI to transcatheter aortic valve implantations (TAVI) to bypass surgery. For this purpose the team at Valley Private Hospital decided to build their 60 m² OR around equipment that allows for truly multi-disciplinary room usage: The Artis zeego angiography system from Siemens and the MAGNUS OR table from MAQUET.

Based on a robotic design, Artis zeego is the only system on the market which can flexibly adapt to all angulations of the table segments. It even enables intra-operative 3D imaging with syngo DynaCT in an angulated table position. The MAQUET MAGNUS table, integrated with Artis zeego and ceiling-mounted angiography systems¹, is an innovative OR table system that comes with different tabletops: a one-piece carbon fiber tabletop which is especially useful for vascular surgeons for peripheral vascular procedures, and for cardiologists performing PCIs. This tabletop can be exchanged with different configurations of a segmented table. The flexible segments allow for superior patient positioning that is being used by cardiac surgeons for thoracic procedures, vascular surgeons for carotid procedures or neurosurgeons for spinal or cranial treatment.

The hybrid operating theatre features MAQUET’S VARIOP Solution, a fully integrated video management system, MAQUET anesthetic and surgical pendants and surgical lights.

The Valley hybrid OR will open up opportunities to attract a variety of specialties and unique procedures with the state-of-the-art Siemens MAQUET solution.

¹Completion of the integration with Artis.Q ceiling is expected for mid 2013.

Siemens Dominates the Hybrid OR Market: 500 installations

The first installation of a hybrid OR with the combination of Artis zeego and MAQUET’s MAGNUS OR table was completed at The Valley Private Hospital in Mulgrave, Victoria, Australia in August 2012.