Siemens wins 2010 Techno-College Innovation Award for ground-breaking software technology for imaging and guidance of aortic valve implants

The European Association of Cardio-Thoracic Surgery (EACTS) presented its Techno-College Innovation Award for 2010 to Siemens Healthcare for its development of the syngo Aortic ValveGuide software.

The new imaging application software helps cardiologists and heart surgeons to prepare for and perform transcatheter aortic valve implantation (TAVI). Using CT-like sectional images from the angiography system, syngo Aortic ValveGuide automatically segments a 3D image of the aortic root and highlights anatomical reference points such as the coronary ostia. This 3D image is superimposed with the two-dimensional fluoroscopy images, which allows the physician to orient him/herself in real time and in three dimensions within the patient's body while navigating the new aortic valve to its intended position.

The Techno-College Innovation Award celebrates innovations which represent advances in cardiac surgery. This is the first time that Siemens has won the award.

The product mentioned herein is not commercially available. Due to regulatory reasons its future availability cannot be guaranteed.

The Siemens Healthcare Sector is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics, medical information technology and hearing aids. Siemens offers its customers products and solutions for the entire range of patient care from a single source – from prevention and early detection to diagnosis, and on to treatment and aftercare. By optimizing clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 48,000 employees worldwide and operates around the world. In fiscal year 2009 (to September 30), the Sector posted revenue of 11.9 billion euros and profit of around 1.5 billion euros. For further information please visit: www.siemens.com/healthcare.