

Acuson SC2000 Prime Ultrasound System

Siemens Healthcare
(888) 826-9702
www.siemens.com

KEY FEATURES

- New true volume 3D TEE probe
- True volume color Doppler visualization
- New automated valve analysis software

Siemens Healthcare has received FDA approval for the new Prime edition of its Acuson SC2000 premium cardiovascular imaging system. The system enables live, full-volume color Doppler imaging via a new 3D transesophageal echo (TEE) probe to allow an anatomically accurate view of the heart during interventional valve procedures, even in patients with electrocardiogram abnormalities. The system eliminates the need for multiple beats to form an image, allowing assessment of dynamic blood flow in real time.

"Volume color Doppler is extremely important," commented Lissa Sugeng, MD, Associate Professor of Medicine at Yale University in New Haven, Connecticut, in the company's press release. "With Siemens' new volume acquisition, I can see the entire valve, locate the regurgitant jet, and assess the size of the orifice very quickly so that we can continue with the procedure."



CenterCross Catheter

Roxwood Medical
(650) 779-4555
www.roxwoodmedical.com

KEY FEATURES

- Maximum support for luminal crossing
- Resheathable, self-expanding scaffold
- 3-F inner lumen
- Anchors and centers guidewires and microcatheters

The CenterCross catheter (Roxwood Medical), which received FDA clearance in November 2014, is designed to simplify guidewire delivery across complex lesions in the peripheral and coronary vasculature. The catheter incorporates a unique self-expanding scaffold to stabilize off-the-shelf interventional tools, such as guidewires and microcatheters, in the center of the artery near the target lesion.

Upon delivery to the target lesion, the scaffold is deployed to maximize support for a guidewire or microcatheter, which are delivered independently through the central 3-F lumen. Once the guidewire penetrates and successfully crosses the blockage, the scaffold is resheathed and removed, allowing the operator the choice of angioplasty, stenting, and atherectomy.

CenterCross is being used to treat coronary, tibial, popliteal, and SFA lesions. "CenterCross offers an exciting new platform for treating coronary chronic total occlusions. It provides excellent support and centering of a coronary support catheter to allow for luminal crossing," said Ehrin J. Armstrong, MD, of the University of Colorado School of Medicine. ■

