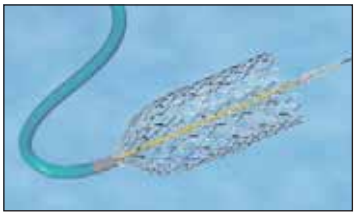
Precise Pro RX Carotid Stent System

COMPANY	Cordis Corporation
PHONE	(800) 327-7714
WEB	www.cordis.com

KEY FEATURES

- Low-profile carotid stent
- Autotapering
- Superior radial strength and chronic outward force
- Peak-to-valley design

Cordis Corporation (Warren, NJ) announces the US and European launch of its next-generation carotid stent system, the Precise Pro RX Carotid Stent System, to treat clogged neck arteries. The Precise Pro RX is approved to treat carotid artery disease in patients at high risk for adverse events from carotid endarterectomy. The Precise Pro RX is backed by a large, randomized clinical trial—the landmark SAPPHIRE study—supporting the potential benefits of carotid artery stenting in patients who are ineligible or considered high risk for carotid endarterectomy, the company says. The stent is compatible with 5-F sheaths for 5- to 8-mm diameters and with 6-F sheaths for 9- to 10-mm diameters. Its micromesh, multisegmented design provides great conformability and excellent flexibility and wall apposition. The Precise Pro RX has best-in-class radial strength and chronic outward force, which provide reliable patency and long-term total lesion revascularization, tested out to 3 years in a randomized study. According to the company, its peak-to-valley design creates wall apposition, minimizing kinking or fish scaling.



VascuView Visual Ultrasound System

COMPANY	Escalon Vascular Access, Inc.
PHONE	(800) 433-8197
WEB	www.escalonvascular access.com

KEY FEATURES

- High resolution of depths to 6 cm
- Large, touchscreen display
- Fingertip control scan/capture built into probe
- Ultra portability for bedside/clinical setting
- Security biometric fingerprint reader

Escalon Vascular Access, Inc. (New Berlin, WI) announces FDA clearance of the VascuView Visual Ultrasound System for use with assisted vascular access. The VascuView is compact and portable, using a tablet PC with software built on the Microsoft Windows XP platform. The probe itself contains the ultrasound circuitry and connects via a USB-2 interface. According to the company, the system includes a large image display, providing easy visualization of targeted vessels and the surrounding anatomy. The touchscreen display has an intuitive and straightforward user interface with a biometric fingerprint reader. Scan operation controls on the probe itself allow for maintenance of a sterile field. The VascuView system provides visualization of depth to 6 cm, with high resolution and accuracy, the company says. The software tools include calipers for measuring vessel size and a needle-guide overlay to provide direction to the intended vessel.

Artis zeego

COMPANY	Siemens Medical Solutions USA, Inc.
PHONE	(888) 826-9702
WEB	www.siemens.com/artis-zee

KEY FEATURES

- Visualizes the entire abdomen or thoracic spine
- Unique flexibility of movement
- Delivers large-volume syngo DynaCT
- Flexible isocenter increases operator comfort

Siemens Medical Solutions USA, Inc. (Malvern, PA) announces FDA 510(k) clearance of the Artis zeego angiography system. The newest member of the Artis zee family is the latest first-to-market innovation from Siemens, delivering robotic-assisted positioning capability for imaging interventions in both radiology and cardiology, as well as the developing OR environment.

With its departure from traditional C-arm design, the Artis zeego offers unique flexibility of movement and image acquisition. Eccentric rotational angiography delivers large-volume syngo DynaCT to visualize the entire abdomen or thoracic spine, showing the complete region of interest. Ergonomically sound working positions are available due to the system's flexible isocenter, increasing operator comfort during long and complex procedures. Unique parking positions maximize the use of room space during patient transfers and when the system is not in use, making it ideally suited for the OR or a hybrid environment. Combined with the existing two- and three-dimensional features and applications common across the entire Artis zee family, the Artis zeego is poised to advance imaging excellence, enhanced workflow, and investment confidence, the company says.

The OmniWave Endovascular System

COMPANY	OmniSonics Medical Technologies, Inc.
PHONE	(978) 657-9980
WEB	www.omnisonics.com

KEY FEATURES

- 10-cm active zone
- Delivers ultrasonic energy 360° around the OmniWave Catheter
- Produces cavitation bubbles that fracture thrombus' fibrin matrix
- Infusion port delivers physician-specified fluids to the active zone

OmniSonics Medical Technologies, Inc. (Wilmington, MA) announces FDA clearance and the US launch of the OmniWave Endovascular System, a revolutionary, catheter-based thrombectomy device that uses transverse ultrasound technology to remove thrombus and enhance the dispersion of physician-specified fluids in the peripheral vasculature. The OmniWave Endovascular System consists of two major components: the OmniWave Catheter and the OmniWave Generator. According to the company, the system is designed to deliver transverse ultrasonic energy circumferentially around a 10-cm active zone, resulting in the formation of cavitation bubbles that selectively break up thrombus without causing harm to the vessel wall. Preclinical testing shows the OmniWave Endovascular System reduces >90% of the treated thrombus particles to <10 µm, the company says. The OmniWave Endovascular System is currently commercially available in the US.

3surgery Vascular Imaging Software

COMPANY	3mensio Medical Imaging BV
PHONE	+31 30 274 0000
WEB	www.3surgery.com

KEY FEATURES

- Pre- and postoperative comparisons
- Exact 2D and 3D measurements
- Enables visual inspection of calcification levels
- Useable on any PC

3mensio Medical Imaging BV (Bilthoven, The Netherlands) announces FDA 510(k) clearance to market the 3surgery Vascular Imaging (VI) software. This software provides a clinical application for vascular surgeons using CTA or MRA studies to determine abnormalities of the vessels within the thorax or abdomen, both in 2D and 3D. 3surgery VI features automatic and adjustable center-lumen line detection that will improve diagnosis speed. The software also provides visual inspection of vessel calcification using the segmented MIP images. 3surgery VI is a valuable and accurate tool for pre- and postoperative stent and graft planning of endovascular procedures, usable on any PC, the company says.

"This software basically allows me to see a patient in my office, determine if they're a candidate for stent graft and size the device and conduct preoperative planning with the patient right beside me. It typically takes less than 15 minutes," says Dr. Bart E. Muhs, Co-Director of the Endovascular Program at Yale University School of Medicine. "This is appreciated by both myself and the patients who are sitting there; they feel like they're participating in their care."

Pinnacle TIF Tip Introducer Sheath

COMPANY	Terumo Interventional Systems
PHONE	(800) 862-4143
WEB	www.terumois.com

KEY FEATURES

- Resists gapping, kinking, or crimping
- Up to 24% less force required in vascular entry
- Flexibility beyond 45°
- Smooth dilator-to-sheath and guidewire-to-dilator transitions

Terumo Interventional Systems (Somerset, NJ) introduces the new Pinnacle Total Integrated Fit (TIF) Tip Introducer Sheath, developed with a unique manufacturing process that creates a super-fine tapered edge and smooth dilator-to-sheath and guidewire-to-dilator transitions. The new manufacturing technology has resulted in an introducer sheath that can bend and flex without gapping, kinking, or producing sharp crimps, thereby minimizing potential trauma. According to the company, in benchtop tests, the Pinnacle TIF Tip required up to 24% less force in vascular entry than competitors' sheaths and, unlike comparative sheaths, flexed beyond 45° without kinking or collapsing. Reduced penetration force means the sheath is less likely to deform during vascular entry, resulting in easier, safer insertions, the company said. ■