

31-mm Excluder AAA Endoprosthesis

COMPANY	W. L. Gore & Associates
PHONE	(800) 437-8181
WEB	www.goremedical.com
KEY FEATURES <ul style="list-style-type: none"> • Flat-top design enables greater production efficiency • Metal anchors help secure the Excluder device to the walls of the aorta • Available in 13-, 15-, and 17-cm lengths 	

W. L. Gore & Associates (Flagstaff, AZ) recently announced the availability of a 31-mm-diameter version of its Excluder AAA endoprosthesis. Approved by the US Food and Drug Administration in March 2009, the Excluder device has been available outside of the United States since 2003. According to the company, the device provides physicians with a safe and effective endovascular option to treat abdominal aortic aneurysms in patients with aortic inner-neck diameters of 27 to 29 mm. The Excluder device is an endovascular graft and stent combination that seals off the aneurysm and creates a new path for blood flow. Once the physician has positioned the graft in the diseased aorta, the device self-expands using radial force. Other important enhancements include an additional pair of proximal anchors to help ensure excellent fixation and a lengthening of the trunk from 7 to 8 cm to accommodate larger anatomies, the company stated. A new 32-mm X 4.5-cm aortic extender component joins the device family as well. Both the new trunk-ipsilateral leg and aortic extender components are 20-F introducer sheath compatible.



Nit-Vu

COMPANY	AngioDynamics, Inc.
PHONE	(800) 772-6446
WEB	www.angiodynamics.com
KEY FEATURES <ul style="list-style-type: none"> • Super-elastic nitinol shaft construction provides excellent torque control, flexibility, kink resistance, control, and maneuverability during placement • Smooth parabolic tip taper facilitates efficient, atraumatic placement through tortuous anatomy • Thirty-one standard configurations to meet customer preferences 	

The Nit-Vu high-performance microguidewire represents the newest member of the AngioDynamics, Inc. (Queensbury, NY) guidewire family and is now commercially available nationwide. Ideal for everyday usage, the Nit-Vu features a super-elastic nitinol shaft with a tungsten-wound coil tip for visibility under fluoroscopy, as well as a next-generation silicone coating for enhanced lubricity. Available in 31 standard configurations, the Nit-Vu microguidewire offering consists of 0.014- and 0.018-inch-diameter configurations with lengths of 80, 110, 180, and 300 cm and tip lengths of 2, 5, and 7 cm (angled or straight). The Nit-Vu inner core tip profile features a smooth, parabolic taper that is designed to facilitate efficient, atraumatic placement through tortuous anatomy, the company stated.



Z-Trak Plus Introduction System

COMPANY	Cook Medical
PHONE	(800) 457-4500
WEB	www.cookmedical.com
KEY FEATURES	
<ul style="list-style-type: none"> • Controlled trigger-wire deployment • Ease of delivery with 75-cm hydrophilic-coated Flexor Introducer Sheath • Active fixation • Modularity • Circumferentially leading margin of fabric for sealing 	

Cook Medical (Bloomington, IN) received US Food and Drug Administration approval for its Z-Trak Plus Introduction System, used for the controlled deployment of the Zenith TX2 thoracic aortic aneurysm (TAA) endovascular graft. Z-Trak Plus uses the Flexor introducer sheath for enhanced delivery and placement. According to the company, the kink-resistant Flexor is hydrophilically coated to reduce friction, while a nitinol inner cannula and Ultrathane tip provide added flexibility and over-the-wire trackability. The Z-Trak Plus trigger-wire delivery mechanism offers controlled deployment and last-minute adjustments of a semideployed TX2. The trigger wires hold TX2's proximal end in a unique trifold configuration, allowing continual blood flow and avoiding the "windsock" effect, common during thoracic endovascular procedures. "Packaging such a stent into a low-profile delivery system, which can negotiate the potential tortuosity of the iliacs, infrarenal aorta, and distal thoracic aorta and yet retain accurate deployment characteristics, is vital when there is no room for error," said Michael P. Jenkins, consultant vascular surgeon at St. Mary's Hospital in London, England. "I believe the Cook TX2 has made significant advances toward these goals."



One Step Slip Fit

COMPANY	Merit Medical Systems, Inc.
PHONE	(800) 35-MERIT
WEB	www.merit.com
KEY FEATURES	
<ul style="list-style-type: none"> • Echo-enhanced needle • Four large spiraling drainage holes • Tapered tip for smooth catheter introduction • FEP material to resist buckling 	

The FDA-cleared One Step centesis catheter with slip fit (Merit Medical Systems, Inc., South Jordan, UT) features an echo-enhanced needle for more accurate needle placement. According to the company, the tapered tip design provides excellent transition for smooth catheter introduction and less patient discomfort, while the FEP (Teflon*) material decreases catheter buckling during placement. The new hub also incorporates a bevel indicator for tactile and visual reference for needle orientation. The clear hub material provides visualization of fluid flashback, while being ergonomic for easy gripping and comfortable handling. Drainage is achieved via the four large holes that spiral around the body of the catheter. The slip-fit design allows the clinician to easily disconnect and remove the needle from the catheter, the company stated.

**Teflon is a registered trademark of DuPont.*



Xcela Power Injectable Ports

COMPANY	Navilyst Medical
PHONE	(877) 658-7990
WEB	www.navilystmedical.com
KEY FEATURES <ul style="list-style-type: none"> • Catheter-to-port click connector provides tactile and audible confirmation of connection • Soft, silicone-filled suture holes inhibit tissue growth to facilitate port explant • Port design facilitates easier palpation of the septum 	

Navilyst Medical's (Marlborough, MA) new Xcela Power Injectable Ports offer a wide array of port options to satisfy the demands of physician preferences and patient characteristics. Port catheter systems are implanted in over 300,000 patients annually in the United States to provide a means for long-term delivery of fluids and medications including chemotherapy. The titanium Xcela Ports, available in standard and low-profile sizes, offer durability and reduced size for ease of implantation and patient comfort. The plastic Xcela Ports are lightweight for patient comfort and offer radiolucence-reduced imaging artifact. According to the company, the plastic/titanium hybrid port design option combines the durability of titanium with the light weight and radiolucence of plastic. All designs have a 5 mL/sec with 300 psi infusion rating for use in contrast imaging procedures. Xcela Ports are compatible with the company's new EZ Huber Safety Infusion Set. ■



EURO INNOVATIONS A preview of Europe's new products



Zenith TX2 With Pro-Form

COMPANY	Cook Medical
PHONE	(800) 457-4500
WEB	www.cookmedical.com
KEY FEATURES <ul style="list-style-type: none"> • Offers control for enhanced proximal conformity • Orients parallel to aortic inner curvature • Better conforms to tight arches • Virtually eliminates the "bird's beak" effect 	

Cook Medical (Bloomington, IN) recently received CE Mark approval for the new Zenith TX2 with Pro-Form. This innovation uses an improved delivery system that allows for carefully controlled endograft deployment and helps ensure proximal conformity to the aortic wall. According to the company, TX2 with Pro-Form offers patients unparalleled safety during endovascular thoracic aortic aneurysm (TAA) repair, even during procedures within uncommonly tight aortic arches, which are notoriously difficult to seal properly. Prof. Ralf Kolvenbach, chief of the Department of General and Vascular Surgery at Augusta Hospital and Catholic Clinics in Düsseldorf and professor at the University of Düsseldorf, is the first vascular surgeon to use TX2 with Pro-Form. "Using the TX2 with Pro-Form . . . enabled me to place the graft to the precise location desired and fit it perfectly to the walls of the blood vessel," Prof. Kolvenbach explained. "With this stent graft system, we have reached a new level of safety in TAA repair." TX2 with Pro-Form is not yet available for sale in the United States. ■

