

# Endovascular AccuTouch System

<b>COMPANY</b>	Immersion Medical
<b>PHONE</b>	(301) 984-3706
<b>WEB</b>	<a href="http://www.immersionmedical.com">www.immersionmedical.com</a>
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Procedural-based endovascular training</li> <li>• Ability to manage complications</li> <li>• Comprehensive metrics used for objective assessment of trainee skills</li> <li>• Deploy and manipulate actual tools</li> <li>• Multiple cases with varying levels of difficulty</li> </ul>	



Immersion Medical's (Gaithersburg, MD) Endovascular AccuTouch System introduces two new modules at TCT: Carotid Interventions and Advanced Coronary Interventions. According to the company, this comprehensive physics-based system utilizes patented haptics technology to train physicians in navigating and cannulating the diverse vascular anatomy. In addition to a new front end with enhanced graphics, the new system includes extended module-specific metrics and a more extensive administration database. The latter offers teaching programs, additional tools for compiling, comparing, and analyzing both trainee and programmatic data for validation studies, certification, and program reviews. The carotids module includes numerous cases that represent the diverse aortic anatomies. The advanced coronary module also includes challenging cases such as chronic total occlusions, acute myocardial infarctions, and shepherd's crook, the company says.

"Those who train with the Immersion Medical Simulator achieve better performance, take less time to complete a procedure, and require fewer procedures to reach competency than those trained under the historical mentoring method," said Alan Yeung, MD, of Stanford University School of Medicine.

# Innova 3D and Innova CT

<b>COMPANY</b>	GE Healthcare
<b>PHONE</b>	(262) 548-2165
<b>WEB</b>	<a href="http://www.gehealthcare.com">www.gehealthcare.com</a>
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Fast 5-, 10-, or 20-second acquisitions at minimum usable dose</li> <li>• 3-D and CT-like slice information in minutes</li> <li>• Images available at tableside to help guide procedures</li> <li>• Vessel, bone, and soft tissue imaging</li> <li>• CT-like data during intervention without transferring patients</li> <li>• Gantry navigation from CT image data at tableside</li> </ul>	

Innova 3D and Innova CT from GE Healthcare (Waukesha, WI) extend the benefits of visualizing three-dimensional (3-D) anatomy either with multiangular slice visualization or reconstructed 3-D imaging. According to the company, CT-like Innova 3D imaging shows the position and shape of an aortic stent graft used to treat an aortic aneurysm during the actual stent procedure without having to physically transfer the patient to a CT scanner.



These images can be obtained in seconds and viewed tableside or in the control room. Angles from the viewed 3-D image can be sent to the gantry to position it for fluoroscopy and DSA, reducing the need for additional X-ray exposure. It is expected that many postprocedure CT images that are currently done after transferring the patient to another room and machine can now be part of the interventional procedure, providing real-time verification of material and device placement while the patient is still on the table and corrections are possible, the company says.

# Boomerang ClosureWire

<b>COMPANY</b>	Cardiva Medical, Inc.
<b>PHONE</b>	(866) 513-8900
<b>WEB</b>	www.cardivamedical.com
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Rapid, simple deployment</li> <li>• Provides hemostasis without obstructing flow</li> <li>• Leaves nothing behind in the patient</li> <li>• 93% reduction in major complications versus closure devices</li> <li>• 74% reduction in major complications versus manual compression</li> </ul>	

The Boomerang ClosureWire from Cardiva Medical Inc. (Mountain View, CA) creates a site-specific compression between the inside of the arteriotomy and just outside the tissue tract, resulting in a targeted internal compression of both the arteriotomy and tract. According to the company, the device creates immediate hemostasis and a secure seal in the catheter lab within 30 seconds. With the device in place, the arteriotomy relaxes back naturally around the Boomerang Wire (sized .037 inches), while normal clotting mechanisms begin. Natural elastic recoil of the arteriotomy returns the arteriotomy to its original puncture size, approximately a 20-gauge needle. After the procedure, the device is completely removed, leaving nothing in the artery or tissue tract. Final hemostasis is achieved with a few minutes of occlusive finger pressure to close the remaining needle-puncture site left by removing the Boomerang ClosureWire, the company says.



# Xact Carotid Stent and Emboshield System

<b>COMPANY</b>	Abbott Vascular
<b>PHONE</b>	(650) 474-3399
<b>WEB</b>	www.abbottvascular.com
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Specifically designed stent to treat diseased carotid arteries</li> <li>• Self-expanding closed-cell stent design</li> <li>• Emboshield filter with Barewire technology</li> <li>• Barewire moves independently of the filter, which remains securely apposed against vessel wall</li> </ul>	

Abbott Vascular (Redwood City, CA) has launched the Xact Carotid Stent and Emboshield Embolic Protection System. According to the company, the Xact is engineered specifically for treatment of the carotid artery. The Xact features a closed-cell, tight-mesh design that allows for a high coverage area and better conformity to the carotid artery, which is intended to reduce the risk of the release of plaque as well as reduce the potential for snagging upon stent removal. The Xact is designed for use with Abbott's fully retractable Emboshield Embolic Protection System. The Emboshield filter is designed to both remain in place during the procedure and float freely on the guidewire used for stent delivery, allowing physicians to concentrate on stent delivery and potentially decrease formation of embolic debris. A unique feature of the Emboshield is Barewire, a proprietary technology developed to allow for better control of stent placement once the filter is in place and fully apposed against the vessel wall, the company says.

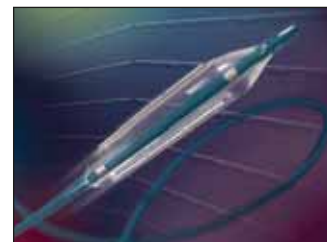
"Some patients may stand to benefit more from a minimally invasive procedure with a carotid artery stent and embolic protection that avoids the risk associated with general anesthesia, eliminates the risk of cranial nerve injury and neck scarring," said Gary Roubin, MD, of Lenox Hill Hospital in New York. "The Xact Carotid Stent and Emboshield Embolic Protection System provide a truly advanced minimally invasive treatment alternative for these patients."



# Flextome Cutting Balloon Dilatation Device

<b>COMPANY</b>	Boston Scientific Corporation
<b>PHONE</b>	(888) 272-1001
<b>WEB</b>	www.bostonscientific.com
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Atherotomes with Flexpoints provide flexibility and assist in tracking to lesions that may have been previously out of reach</li> <li>• Nylon balloon material provides excellent performance in a noncompliant balloon</li> <li>• Maverick catheter system</li> <li>• Available in .014-inch over-the-wire and monorail systems in 6-mm, 10-mm, and 15-mm lengths and 2-mm to 4-mm diameters.</li> </ul>	

Boston Scientific Corporation (Natick, MA) has launched the Flextome Cutting Balloon Dilatation Device. According to the company, the new device is 30% more deliverable with a 50% improvement in recross from the company's Cutting Balloon Ultra2. The Flextome Cutting Balloon Device has an improved atherome design that incorporates flexpoints every 5 mm on the 10-mm and 15-mm lengths, a new balloon material, and the use of the Maverick catheter system. The device is designed for lesions that are often resistant to conventional balloon angioplasty. The product is available in .014-inch over-the-wire and monorail systems in 6-mm, 10-mm, and 15-mm lengths and 2-mm to 4-mm diameters, the company says.



"The Cutting Balloon's unique and effective mechanism of action created by the use of atherotomes is very different from that of other dilatation devices, which use wires and balloons," commented Antonio Colombo, MD, of Columbus Hospital in Milan, Italy. "The Flextome Cutting Balloon will help us achieve excellent outcomes in our angioplasties."

# Conformexx Biliary Stent

<b>COMPANY</b>	Bard Peripheral Vascular Inc.
<b>PHONE</b>	(800) 321-4254
<b>WEB</b>	www.bardpv.com
<b>KEY FEATURES</b> <ul style="list-style-type: none"> <li>• Single-handed deployment</li> <li>• 6-F delivery system</li> <li>• Diameter range from 6 mm to 12 mm</li> <li>• Length range from 20 mm to 120 mm</li> <li>• Compatibility with .018-inch to .035-inch guidewires</li> </ul>	

Bard Peripheral Vascular Inc. (Santa Rosa, CA) has introduced the Conformexx Biliary Stent with the PerforMaxx Grip. According to the



company, the system combines the benefits of a conformable, small mesh stent with a multifunctional deployment system, which includes a single-handed deployment option. The Conformexx features a 6-F delivery system, compatibility with .018-inch to .035-inch guidewires, and working catheter lengths of 80 cm and 135 cm. The stent sizes range from 6 mm to 12 mm in diameter and 20 mm to 120 mm in length. The Bard Conformexx Biliary Stent is designed to provide excellent conformability to tortuous anatomy with greater contourability for improved wall apposition and enhanced protection against tissue prolapse, the company says. The company advises that the safety and effectiveness of the Conformexx Biliary Stent for use in the vascular system have not been established. ■