Atrium iCast Covered Stent

COMPANY	Atrium Medical Corporation
PHONE	(800) 528-7486
WEB	www.atriummed.com

KEY FEATURES

- PTFE-encapsulated stent
- One-step deployment
- Balloon expandable
- Low crossing profile
- 7-F compatible (5 mm to 10 mm)

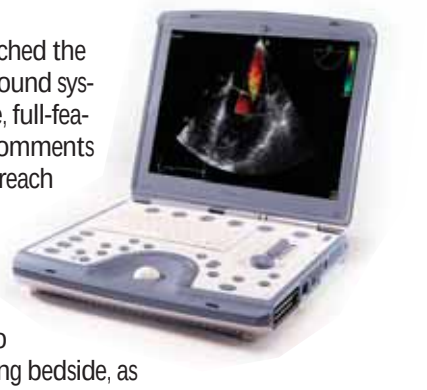
Atrium Medical's iCast Covered Stent System (Hudson, NH) was recently approved for the treatment of tracheobronchial strictures. iCast is a balloon-deployable, PTFE-encapsulated stent. Atrium's PowerCrimp Technology provides clinicians with a slip-free delivery and accurate deployment. iCast is suitable for lesion diameters of 5 mm to 12 mm. The device's Film-Cast covering helps evenly distribute radial expansion stress during deployment, which minimizes trauma to the tissue. Atrium comments that iCast has the lowest crossing profile compared to other commercially available stents, providing for a more efficient delivery. For 5-mm to 10-mm sizes, iCast is 7-F compatible; the 12-mm version is 8-F compatible.

Miniaturized Ultrasound System

COMPANY	GE Healthcare
PHONE	(262) 544-3011
WEB	www.gehealthcare.com

KEY FEATURES

- Portable system weighs only 10 pounds
- Wireless design allows rapid analysis and file transfer
- Provides complete, real-time ultrasound



GE Healthcare (Milwaukee, WI) has launched the Vivid i, a miniaturized cardiovascular ultrasound system designed to provide high-performance, full-featured imaging in a lightweight design. GE comments that Vivid i will enhance the efficiency and reach of physicians by offering the functionality and high performance of full-featured, larger-scale systems, but in a portable and wireless design that weighs 30 times less. The system makes it possible for patients to receive diagnostic exams anywhere, including bedside, as opposed being transported to an imaging lab in a hospital.

The system's full clinical utility also makes it ideal for urgent care areas, including the emergency room, critical care, and the operating room, and for mobile imaging services and outpatient clinics looking to expand their cardiovascular services. In addition, Vivid i features wireless capabilities, enabling physicians to transfer files instantly from the system to other physicians for consultation. As a result, physicians will be able to more quickly diagnose and treat patients and help ensure they are more informed and involved in their healthcare decisions.

Below-the-Knee CryoPlasty

COMPANY	CryoVascular Systems, Inc. (distributed by Boston Scientific Corporation)
PHONE	(888) 272-1001
WEB	www.cryoinc.com

KEY FEATURES

- Minimizes flow-limiting dissections
- Reduces the need for a stent
- Leaves therapeutic options open for future interventions

CryoVascular Systems, Inc. (Los Gatos, CA), has announced the expansion of the PolarCath CryoPlasty System to include a new line of catheters to treat atherosclerotic occlusive disease in the infrapopliteal and tibioperoneal arteries. The PolarCath treats clogged arteries by dilating and cooling them to -10ºC/+14ºF with a balloon filled with nitrous oxide.

The company remarks that since the launch of the PolarCath System in 2003, physicians using the CryoPlasty procedure as a primary therapy have observed a significant reduction in their use of stents, coinciding with a lower rate of flow-limiting dissection and vessel recoil—often unavoidable complications typical of conventional balloon angioplasty that are addressed with the placement of a stent. Clinical data indicate that 83% of artery blockages treated with the PolarCath System remained open after 9 months.

Gore Excluder Bifurcated Endoprosthesis

COMPANY	W.L. Gore & Associates, Inc.
PHONE	(800) 437-8181
WEB	www.goremedical.com

KEY FEATURES

- Low-permeability graft design
- Reduces potential for serous fluid movement through the graft wall
- Same luminal and abluminal surfaces
- The same proven low-profile, flexible, and conformable deployment system

The low permeability Gore (Flagstaff, AZ) Excluder Endoprosthesis is composed of a durable, ePTFE graft; a low-permeability film layer; ePTFE reinforcing film; an electropolished nitinol stent; and bonding film for stent to graft attachment. The device retains the original reinforcing film, lending strength and durability to the graft wall. Gore states that the low-permeability design continues to provide all of the other innovative features that distinguish the Gore Excluder Endoprosthesis from other AAA devices, such as sutureless bonding, the same luminal and abluminal surfaces, and a proven low-profile, flexible, and conformable deployment system. ■