SoloPath Transfemoral Introducer Sheath

COMPANY	Onset Medical Corporation
PHONE	(949) 716-1100
WEB	www.onsetmedical.com

KEY FEATURES

- Easy to use, one-step access sheath, designed to reduce vascular/tissue trauma
- Virtually eliminates the need for other preoperative steps generally required for conventional access
- Reduces the overall procedure time.
- Repeatable, predictable method of access

The FDA-cleared SoloPath TransFemoral access sheaths (Onset Medical Corporation, Irvine, CA) are for large-bore applications such as percutaneous aortic valve placement, mitral valve placement, abdominal aortic and thoracic aortic aneurysm graft placement. According to the company, the sheaths are unique in that they are expandable, which allows the operator to introduce, navigate, and deploy where other sheaths cannot. The sheath enters the body at approximately half the size of its full diameter. It is pliable enough to track over a guidewire through tortuous anatomy. Once in position, the sheath is radially expanded to maximum conduit capacity or *Controlled Deployment Technology*. Controlled Deployment Technology remodels tissue and vasculature to provide unrestricted access for large-bore applications. President and CEO Joe Bishop shared that, "SoloPath is an enabling platform in that it can establish a repeatable and predictable method of access where other devices cannot, as well as, potentially reduce the patient contraindications while enabling a larger patient population. Our devices are distinctly unique and virtually kink resistant."

Guardian II Hemostasis Valve

COMPANY	Vascular Solutions, Inc.
PHONE	(888) 240-6001
WEB	www.vascularsolutions.com

KEY FEATURES

- Unique seal technology designed to reduce amount of blood in procedural field
- Click-open and click-close design for single-handed operation
- 8-F compatible lumen to allow delivery of multiple therapeutic devices

Vascular Solutions, Inc. (Minneapolis, MN) recently announced the US launch of the Guardian II Hemostasis Valve. Unlike conventional rotating hemostasis valves, the Guardian II has an ergonomic, click-open and click-close design to provide protection during interventions and separation of multiple guidewires and other devices used in the catheterization procedure. Guardian II improvements include a shorter overall length, clear rotating components, and intuitive symbols added to the device, the company stated.

Manufactured by Zerusa Limited of Galway, Ireland, the Guardian II hemostasis valve uses proprietary seal technology to provide independent movement of, and a complete seal around, each device. With its ergonomic click-open and click-close design, the Guardian II fits comfortably in the hand and allows for easy one-hand operation. The Guardian II hemostasis valve is available in the United States exclusively through Vascular Solutions, Inc.

Mo.Ma Ultra Cerebral Protection Device

COMPANY	Invatec, Inc.
PHONE	(877) 4-INVATEC
WEB	www.invatec.com

KEY FEATURES

- Easy to use
- No ICA landing zone requirement
- Wire of choice for ICA intervention
- Treats a broad range of anatomies and lesion types
- High debris-capture efficiency

The Mo.Ma Ultra Proximal Cerebral Protection Device (Invatec, Inc., Bethlehem, PA) is an embolic protection device that establishes full-time cerebral protection and control during carotid stenting procedures before crossing the internal carotid artery (ICA) lesion, thereby preventing distal embolization. Small balloons on the tip and proximal shaft are inflated in the external carotid artery and the common carotid artery to suspend blood flow during the stenting process. These balloons act like endovascular surgical clamps, protecting the brain during the procedure. The results of the ARMOUR (Proximal Protection with the Mo.Ma Device During Carotid Stenting) trial support the safety and effectiveness of Mo.Ma. Mo.Ma's full-time protection and control contributed to a low 30-day stroke rate of 2.3% and a major adverse cardiac and cerebrovascular event rate of 2.7%. L. Nelson Hopkins, MD, of the State University of New York in Buffalo and Coprincipal Investigator of the ARMOUR trial stated, "Proximal embolic protection is an important advance that gives us more options in the treatment of carotid artery disease. The Mo.Ma Ultra combines the advantages of carotid endarterectomy with the minimally invasive benefits of carotid artery stenting."

Mega Intra-Aortic Balloon Catheter

COMPANY	Maquet (formerly Datascope)
PHONE	(800) 777-4222
WEB	www.datascope.com

KEY FEATURES

- 50-cc IAB on 8-F shaft
- Ideal for patients 5'4" and taller
- Durathane blow-molded balloon membrane
- T-handle protector keeps the membrane tightly wrapped before use
- Twist-lock hub reduces dilator to sheath separation

The Mega (Maquet Cardiovascular, Fairfield, NJ) is the first 50-cc intra-aortic balloon (IAB) catheter on a true 8-F shaft. The product is an ideal choice for patients who are 5'4" and taller; it therefore benefits patients with traditional 50-cc IABs as well as those with 40-cc IABs. The Mega IAB has a smaller insertion point than traditional 50-cc IABs, which can reduce the risk of adverse effects such as limb ischemia and bleeding at the insertion site. It also delivers 25% more blood volume displacement than 40-cc IABs. According to the company, the Mega IAB provides improved unloading and augmentation compared to 40-cc IABs and can be inserted through an 8-F sheath or inserted without the use of a sheath.

GuideLiner Catheter

COMPANY	Vascular Solutions, Inc.
PHONE	(763) 656-4300
WEB	www.vascularsolutions.com

KEY FEATURES

- Flexible coaxial guide liner allows guide extension into vessel for deep seating
- Simplified mother-and-child technique for use in challenging interventions
- Rapid-exchange convenience

The Food and Drug Administration-cleared GuideLiner catheter (Vascular Solutions, Inc., Minneapolis, MN) is a unique coaxial mother-and-child guide extension with rapid-exchange convenience that provides backup support and selective deep intubation in challenging interventions. The GuideLiner catheters are intended to be used in conjunction with guide catheters to access discrete regions of the coronary and/or peripheral vasculature and to facilitate placement and exchange of guidewires and other interventional devices. The GuideLiner catheter will be available in 6-, 7-, and 8-F sizes as part of Vascular Solutions' catheter product line. According to the company, the GuideLiner's highly flexible rapid-exchange guide catheter section allows physicians to use standard-length guidewires, balloons, or stents through an existing hemostatic valve. The GuideLiner is compatible with standard guide catheters regardless of tip shape and results in an inner diameter approximately 1-F size smaller than the guide catheter. ■