

Xpert Self Expanding Biliary Stent

COMPANY	Abbott Vascular Devices
PHONE	(800) ABBOTT3
WEB	www.abbottvasculardevices.com
KEY FEATURES <ul style="list-style-type: none"> • 3.8-F profile, for the smallest crossing profile of any self-expanding stent and 4-F sheath compatibility • Stent design offers good flexibility and low straightening force, ensuring duct apposition even in tortuous anatomy • Stent generates radial force equivalent to that of competitive 5-F and 6-F systems • .018-inch wire compatibility 	

Abbott Vascular Devices (Redwood City, CA) recently announced the FDA clearance and US availability of the Xpert Self Expanding Biliary Stent System. The company states that the 3.8-F-profile device offers 4-F sheath compatibility and boasts the lowest crossing profile of any commercially available self-expanding stent. Once implanted, the stent offers good flexibility and low straightening force to ensure wall apposition and delivers equivalent radial force to that of competitive 5-F and 6-F systems. The system is .018-inch-wire compatible and comes in 80-cm and 120-cm catheter lengths.



"Xpert has changed the way I treat patients with challenging anatomies," said Mahmood Razavi, MD, Associate Professor, Interventional Radiology, Stanford University Medical School.

Innova 3100

COMPANY	GE Healthcare
PHONE	(800) 886-0815
WEB	www.gehealthcare.com
KEY FEATURES <ul style="list-style-type: none"> • Flat-panel detector technology • Designed for use in both cardiac and peripheral procedures 	

GE Healthcare (Waukesha, WI) recently introduced its new Innova 3100 cardiac and peripheral imaging system, which creates detailed images of even the finest vessels using the company's flat-panel detector technology.

According to Mark Furman, MD, Director of Interventional Cardiology at UMass Memorial Medical Center in Worcester, Massachusetts,

Innova 3100's image quality allows his staff to make accurate diagnoses, and successfully treat their patients in the cath lab.

"The outstanding image quality allows us to more precisely measure the length of a lesion and select the stent best-suited for the patient," said Dr. Furman, who led the clinical validation for Innova 3100. "The images are so clear that we can precisely place stents, minimizing risk to side branches and assuring proper overlap of multiple stents."



Merit MAK

COMPANY	Merit Medical Systems, Inc.
PHONE	(800) 626-3748
WEB	www.merit.com
KEY FEATURES <ul style="list-style-type: none"> • Excellent tip transitions to help facilitate smooth entry into vessels • Small entry to minimize trauma to site and vessel • Short bevel needle to help access vessel • Guidewires available in three configurations to meet clinical needs 	

The Merit MAK (Mini Access Kit) (Merit Medical Systems, South Jordan, Utah) provides small access to the vascular system using a 21-gauge needle and a .018-inch (0.46-mm) guidewire, along with either a 4-F or 5-F coaxial dilator/introducer pair. By starting with a smaller needle, trauma to the surrounding tissue and bleeding are minimized. The Merit MAK facilitates the percutaneous placement of .035-inch (.89-mm) or .038-inch (.97-mm) guidewires into the vascular system.

Several standard kit configurations and separate components help to meet the needs of clinicians. All components are latex free. When the clinician's needs are unique, Merit Medical can customize a procedure kit to meet their specific requirements.



Eagle Eye IVUS Catheter

COMPANY	Volcano Therapeutics, Inc.
PHONE	(800) 228-4728
WEB	www.volcanotherapeutics.com
KEY FEATURES <ul style="list-style-type: none"> • Brighter, crisper images • Soft, echolucent tissue readily visualized • 2.9-F distal tapered shaft provides a balance of strength and flexibility • 5-F guide catheter compatible • Fast Exchange (F/X) construction for decreased procedural time 	

The Eagle Eye Intravascular Ultrasound (IVUS) imaging catheter from Volcano Therapeutics provides extremely high-resolution images of vessel geometry and atherosclerotic plaque morphology from within coronary and peripheral arteries.

The Eagle Eye Catheter, which is based on Volcano's solid-state technology platform, complements Volcano's existing solid-state catheter product lines, including catheters specifically designed for the peripheral vasculature. Solid-state technology, which uses a non-rotating transducer, eliminates the risk of non-uniform rotation distortion (NURD) and removes the challenges of placing a motorized catheter in coronary or peripheral vasculature.

"We have been very pleased with the new Eagle Eye IVUS catheter," remarked John McB. Hodgson, MD, President of SCAI and Director of Invasive Cardiology at MetroHealth Medical Center in Cleveland. "Since we use IVUS in over a third of our PCI cases, the easy set-up, standard rapid exchange catheter format and automated measurement capabilities are a big plus for both the physician and lab staff. Importantly, the resolution, especially along the intimal border is excellent, making assessment of both stent struts and soft plaque or thrombus easy. The lack of blood speckle and the absence of rotational artifacts means we get consistently interpretable images." ■

