

SilverHawk LS-M, LX-M, and MS-M

COMPANY	ev3 Inc.
PHONE	(763) 398 7000
WEB	www.ev3.net
KEY FEATURES <ul style="list-style-type: none"> • Micro vent holes to release fluid pressure • 30% more tissue capture • Potential to reduce overall procedure time • Increased tissue collection during plaque removal 	

ev3 Inc. (Plymouth, MN) announces the most recent additions to the SilverHawk family of products—the SilverHawk LS-M, LX-M and MS-M. According to the company, these devices are among the latest in plaque excision technology and are designed to treat lesions in arteries above the knee for patients suffering from peripheral artery disease. The SilverHawk LS-M, LX-M, and MS-M include MEC (Micro Efficient Compression) Technology, a novel advancement that features precision laser-drilled vent holes in the tip of the catheter. These micro vent holes release fluid pressure, providing more space for the collection of tissue in the tip of the device. This technology has the potential to reduce overall procedure time by enabling physicians to increase tissue collection during plaque removal procedures in large vessels above the knee, the company says. *In vitro* bench test results demonstrate an up to 30% increase in tissue capture per insertion compared to the predecessor devices.



Pronto LP Extraction Catheter

COMPANY	Vascular Solutions, Inc.
PHONE	(800) 228-4728
WEB	www.vascularsolutions.com
KEY FEATURES <ul style="list-style-type: none"> • Rapid-exchange catheter • Low crossing profile • Hydrophilic coating • Braid- and stylet-reinforced proximal shaft 	

Vascular Solutions, Inc. (Minneapolis, MN) recently launched the Pronto LP (low profile) extraction catheter as its most recent addition to the Pronto product line. The Pronto LP will complement the Pronto V3 catheter, the larger Pronto .035-inch catheter, and the specialty Pronto-Short catheter. According to the company, the Pronto LP catheter is designed for soft thrombus aspiration from coronary and peripheral arteries as small as 1.5 mm in diameter. The rapid-exchange Pronto LP catheter is compatible with any .014-inch guidewire. It combines a very low crossing profile with a hydrophilic coating and a braid- and stylet-reinforced proximal shaft. The preloaded stylet is designed to provide kink-resistant delivery that can be removed rapidly to allow for full-lumen aspiration. Compatible with all 6-F guide catheters (.066-inch minimum inner diameter), the catheter is packaged with all components necessary for rapid soft thrombus removal, the company says. The Pronto LP is currently available in the US.



Crosser Catheter Peripheral CTO Portfolio

COMPANY	FlowCardia, Inc.
PHONE	(888) 4567-CTO
WEB	www.flowcardia.com
KEY FEATURES <ul style="list-style-type: none"> • High-frequency vibration • Rapid system setup • Quick pass/fail assessment • Shorter CTO crossing times 	



FlowCardia, Inc. (Sunnyvale, CA) announces FDA clearance and the US launch of the Crosser 14P, Crosser 14S, and Crosser 18 Chronic Total Occlusion (CTO) Recanalization Catheters. The three Crosser Catheters are endovascular tools used to cross CTOs to help restore blood flow to the lower legs. The Crosser is a rapid-exchange catheter delivered over standard .014- and .018-inch guidewires, which uses high-frequency vibration to cross CTOs, allowing for subsequent debulking, balloon angioplasty, and stent placement, the company says. The Crosser Catheter Peripheral CTO Portfolio has complementary protocol to guidewire technique, allowing the physician to alternate between Crosser activation and guidewire probing. The peripheral Crosser Catheters were studied in the FlowCardia PATRIOT trial. Jim Joye, MD, PATRIOT study Principal Investigator, said, "The device worked well in the upper leg and also proved an excellent primary therapy for crossing the more difficult, below-the-knee occlusions. This new endovascular line of catheters will help us cross lesions that previously could only be treated with a more invasive open surgery."

PowrSyringe Injector

COMPANY	Pinyons Medical Technology, Inc.
PHONE	(954) 457-2450
WEB	www.pinyonsmedical.com
KEY FEATURES <ul style="list-style-type: none"> • Faster injections • Higher pressure • Hand-held, ergonomic design • Cost-effective, disposable material 	



Pinyons Medical Technology, Inc. (Park City, UT) announces FDA clearance to market the PowrSyringe Injector. The PowrSyringe Injector is a disposable, hand-held device that adds ergonomic and mechanical advantages to inject and aspirate fluids, including use in angiography. The Injector's crossing handles hinge to the syringe barrel and plunger to advance the plunger into the barrel when the handles are squeezed. A study including the first *in vivo* use of the PowrSyringe was presented at the New Cardiovascular Horizons Meeting in September 2007, reporting faster injection speeds than syringes. Previous studies with electronic power injectors concluded that increasing angiographic injection speed can improve image quality, reduce contrast media usage, and save hospitals thousands of dollars in contrast media, the company says.

Reducing contrast media usage is also associated with a reduction in contrast-induced nephropathy that can lead to acute renal failure. Pinyons is planning further study to determine how the PowrSyringe can improve imaging, reduce contrast media, and reduce patient complications. According to the company, the PowrSyringe Injector is expected to be available for commercial sale in early 2008. ■