

Evolution Mechanical Dilator Sheath Set

COMPANY	Cook Medical
PHONE	(800) 457-4500
WEB	www.cookmedical.com
KEY FEATURES	
<ul style="list-style-type: none"> • Mechanical extraction approach • Rotating sheath with a threaded barrel distal tip • One sheath to remove multiple leads • No electricity is needed 	

Cook Medical's (Bloomington, IN) Evolution Mechanical Dilator Sheath Set provides physicians with a cardiac solution for the removal of lead wires in patients with pacemakers or defibrillators. According to the company, the device uses an enhanced mechanical extraction approach, which boasts lower adverse event rates than powered sheaths. Additionally, the device utilizes a rotating sheath with a threaded barrel distal tip design, ranging from 7 to 13 F, that aggressively separates fibrous binding sites, ultimately reducing the patient's level of pain from the procedure. The Evolution allows successful, rapid negotiation through chronic heavily fibrosed and calcified lesions. It also maximizes physician control with the mechanical trigger, allowing the operator to better feel progress along the lead and through the lesion. Operators have the ability to use one Evolution sheath in a single patient to remove multiple leads of the same diameter. The sheath set offers physicians and patients a potentially safer, less complex, and cost-effective alternative to current powered lead extraction technology, the company says.



Pericardiocentesis Kit

COMPANY	Merit Medical Systems, Inc.
PHONE	(800) 62-MERIT
WEB	www.merit.com
KEY FEATURES	
<ul style="list-style-type: none"> • Marker band proximal to the last side hole • Larger inner lumen and increased side-hole diameter • Two stopcocks • Chloraprep and medication label sets included • Safety scalpel included 	

Merit Medical Systems, Inc. (South Jordan, UT) announces the release of a new 8.3-F Pericardiocentesis Kit. According to the company, the new kit features a catheter with a marker band positioned proximal to the last side hole, confirming proper catheter placement within the pericardial sac. The new catheter also has a larger inner lumen and increased side-hole diameters designed specifically for pericardiocentesis. Two stopcocks are included for quick transducer set up to confirm needle position and monitor hemodynamic pressures, the company says. A safety scalpel is included, as well as Chloraprep and medication label sets, to meet safety standards.



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.



iPulse Console

COMPANY	Abiomed, Inc.
PHONE	(978) 646-1400
WEB	www.abiomed.com
KEY FEATURES	
<ul style="list-style-type: none"> • Clearly marked soft keys allow for easy operation and weaning • Simplify transport, storage, and inventory control • Fast inflate/deflate times • Automatic lead and trigger selection • Remote diagnostics 	

Abiomed, Inc. (Danvers, MA) announces it has received FDA approval for the iPulse Circulatory Support System. The iPulse drives Abiomed and other manufacturers' intra-aortic balloons, Abiomed's BVS 5000, and AB5000 ventricular-assist devices, as well as new products Abiomed may offer in the future. According to the company, these products are designed to treat patients experiencing acute heart failure by offering various levels of cardiac support—whether minimal, moderate, or full biventricular—to potentially recover the patient's native heart. The iPulse is the first console with the capability to provide either ventricular-assist device or intra-aortic balloon support in the catheterization lab and surgery suite. The iPulse expands Abiomed's Recovery technology continuum to the intensive care unit, catheterization lab, and operating room, and it can now support the patient from admission to discharge, the company says.



CathLabVR Surgical Simulation System

COMPANY	Immersion Medical
PHONE	(301) 984-3706
WEB	www.immersionmedical.com
KEY FEATURES	
<ul style="list-style-type: none"> • Procedural-based system • Simulates cardiac valve replacement • Navigation through the femoral artery and/or through the apex of the left ventricle • Balloon inflation to predilate the aortic valve 	

The CathLabVR Surgical Simulator System (Immersion Medical, Gaithersburg, MD) uses actual and simulated diagnostic and therapeutic devices, such as catheters, balloons, stents, and distal protection devices. A procedural-based system, it allows trainees to practice and repeat cases of varying levels of difficulty and experience and manage complications. According to the company, appropriately responsive physiology is reflected in vital-sign changes, hemodynamic wave tracings, and patient audio responses that enhance the decision-making process. The Transcatheter Aortic Valve Replacement Module for the CathLabVR Surgical Simulation System uses fluoroscopy, cineangiography, and contrast injection to visualize and measure the aortic valve to determine a site for its correct placement. Realistic haptic feedback mimics the feel of the procedure. Visual aides, including the virtual three-dimensional anatomy model and live fluoroscopy, help trainees understand vascular anatomy and device operation. A comprehensive performance report, automatically generated after completion of the surgical simulation, allows objective assessment of the user, the company says. ■



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