



# Advance Micro 14 Balloon

Cook Medical  
(800) 339-2235  
www.cookmedical.com

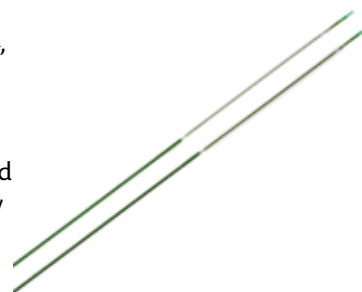
## KEY FEATURES

- Pliaform balloon texture reduces friction compared to smooth surface balloons
- Fits through a 3-F sheath and has tip-entry profile as small as a 0.018-inch wire
- Works from both an antegrade or retrograde pedal stick approach

Cook Medical (Bloomington, IN) has introduced the Advance Micro 14, a new ultra-low-profile PTA balloon catheter for use in below-the-knee procedures.

The Advance Micro 14 is a dedicated over-the-wire micro balloon with a low crossing profile. The balloon is small enough to fit through a 3-F sheath and has a tip-entry profile as small as an 0.018-inch wire. The Pliaform balloon texture—available on all sizes except the 1.5-mm-diameter devices—combined with a hydrophilic coating reduces friction when inserting and retracting the device compared to uncoated devices.

The device is designed to work from both an antegrade or retrograde pedal stick approach, allowing physicians to access smaller vessels and reach and treat challenging lesions. "My first experience using the new Advance Micro 14 balloon catheter from Cook Medical is very positive," said Andrej Schmidt, PhD, MD, Angiology and Cardiology Department at Park Hospital and Heart Center, Leipzig. "The ultra-low profile of the balloon allows you to pass lesions from both the antegrade and retrograde approaches with the same device."



# Claret Montage 2 Dual Filter System

Claret Medical, Inc.  
(707) 528-9300  
www.claretmedical.com

## KEY FEATURES

- Embolic protection during TAVR
- Right radial or brachial access
- Compatible with 6-F introducer
- Captures and retrieves embolic material
- Simple deployment and retrieval

The Montage 2 Dual Filter System (Claret Medical, Inc, Santa Rosa, CA), a low-profile system for embolic filtration of both carotid arteries during interventional procedures such as transcatheter aortic valve replacement (TAVR), has received CE Mark approval. It is indicated for use as an embolic protection device to capture and remove embolic material, including thrombus or debris that may enter the cerebral vascular system during endovascular procedures.

The 6-F catheter is introduced in the right radial artery and delivered over a standard, 0.014-inch X 190-cm coronary guidewire. Following insertion, the filters are deployed prior to TAVR, and the system remains in place for the duration of the procedure. At the completion of the TAVR procedure, the filters are retrieved along with any captured embolic debris and are removed from the patient.





# Artis Q and Artis Q.zen

Siemens Healthcare  
(888) 826-9702  
[www.usa.siemens.com/angiography](http://www.usa.siemens.com/angiography)

**KEY FEATURES**

- All-new x-ray imaging chain
- New applications for more precise and personalized therapy
- New detector technology with crystalline silicon for ultra-low-dose imaging (exclusive to Artis Q.zen)

Artis Q and Artis Q.zen interventional imaging systems are now available from Siemens Healthcare (Malvern, PA). The new x-ray tube with unique flat emitter technology enables clearer visualization of small devices and vessels, even at steep angulations. The Artis Q.zen product line introduces a new detector with unprecedented signal sensitivity at ultra-low-dose levels, helping to reduce exposure.

Artis Q's new detector enhances grayscale resolution for better contrast in 3D imaging. New 3D functional imaging software, syngo DynaPBV Body, provides a basis for planning therapies through visualization and measurement of blood volumes (ie, chemoembolization of hepatic tumors).

For cardiovascular procedures, the new applications support precise, real-time guidance during stent placement with ClearStent Live, with motion stabilization created by simultaneous correction for the heartbeat. The integrated intravascular ultrasound (IVUS) map application automatically coregisters IVUS and angiography images, adding detailed IVUS data such as vessel, lumen, and wall structure. ■

