

Enroute Transcarotid Neuroprotection and Stent System

Silk Road Medical
(855) 410-TCAR (8227); (408) 720-9002
www.silkroadmed.com

KEY FEATURES

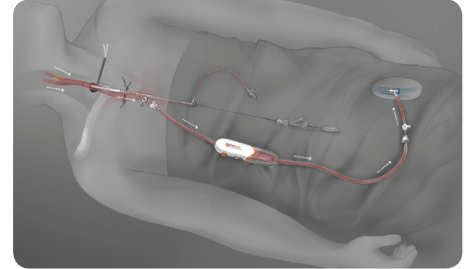
- Clinically proven, carotid endarterectomy-like neuroprotection
- Minimally invasive
- Direct transcarotid access

Transcarotid artery revascularization (TCAR) with the Enroute transcarotid neuroprotection and stent system combines direct carotid artery access with robust flow reversal during angioplasty and stenting. It avoids unprotected steps and removes micro- and macro-

emboli throughout the interventional procedure, providing neuroprotection similar to carotid endarterectomy but with a less invasive approach.

"The best prospect for reducing the periprocedural risk of stroke during carotid revascularization has been the TCAR procedure, and the technical advancements of the new Enroute [neuroprotection system] provide us with even more confidence to safely treat patients in a minimally invasive manner," said Wesley Moore, MD, Professor and Chief (Emeritus) of the Division of Vascular Surgery at Ronald Reagan UCLA Medical Center in Los Angeles, California.

The Enroute transcarotid neuroprotection system has received US Food and Drug Administration 510(k) clearance, and the stent is premarket approved. Both have European CE Mark approval.



Phoenix Atherectomy System

Philips Volcano
(800) 228-4728
www.phoenixatherectomy.com

KEY FEATURES

- Continuous cut, capture, and clear mechanism
- Low-profile, front-cutting design
- Single-insertion catheter
- Easy to use
- No need for capital equipment

The Phoenix, from Philips Volcano, is the first hybrid atherectomy system, combining the benefits of rotational and directional atherectomy. The 1.8- and 2.2-mm nondeflecting sizes are rotational, front-cutting catheters ideally suited for treating small vessels or highly stenosed lesions, whereas the recently launched 2.4-mm catheter adds directional capabilities suited to treat larger vessels or eccentric lesions.¹



The Phoenix system employs a cut, capture, and clear mechanism of action to continuously remove disease as it is debulked. This resulted in a < 1% rate of symptomatic distal emboli in the EASE study.² This mechanism also permits single-insertion workflow, as it eliminates the need to clean out debulked material during the procedure.

Phoenix is a simple, easy-to-use system powered by a battery-powered handle with no additional capital equipment or procedural accessories required. The low-profile (down to 5 F), front-cutting system allows for direct lesion access without the need to first pass a nose cone.

The Phoenix atherectomy system is commercially available throughout the United States and Europe.

1. Phoenix atherectomy device is indicated for vessels 2.5 mm in diameter and above.

2. Endovascular Atherectomy Safety and Effectiveness Study (EASE), ClinicalTrials.gov Identifier NCT01541774 (accessed 23Oct2015). Results presented at the Vascular Interventional Advances (VIVA) Conference in October of 2013 (Las Vegas, NV) by Stephen Williams, MD.

TIPSO

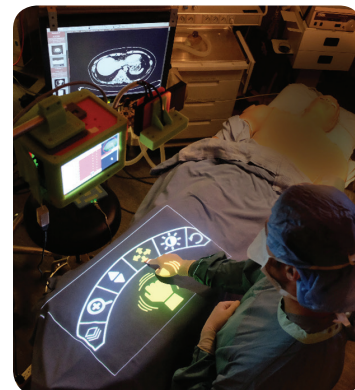
NZ Technologies Inc. (NZTech)
(604) 897-6462
www.nztech.ca

KEY FEATURES

- Touchless control of DICOM images
- Novel 3D hand-sensing technology
- Virtual menu projected onto drape
- No tool or wearable needed
- Ergonomic and intuitive design

TIPSO (Touchless Interaction with PACS in Sterile Operations) is a product that enables interventionists to touchlessly control PACS imagery directly from the patient's drape. With an intuitive user interface designed by interventionists, TIPSO enables ergonomic control of DICOM images (eg, scroll, window/level, etc). By projecting a virtual menu onto the drape, the user can move their hand (similar to a computer mouse) to fully control the imagery from the sterile workspace. TIPSO has been designed from the ground up with the interventionist's workflow in mind. The user can stay cognitively focused on the case and freely use TIPSO on the drape at their leisure.

In Canada, TIPSO is not considered a medical device by Health Canada. In the United States, TIPSO is classified by the US Food and Drug Administration as a class 1 medical image communications device and is 510(k) exempt.



Performa Transradial Peripheral Angiographic Catheter

Merit Medical
(800) 35-MERIT
www.merit.com/Think-Radial-Discover-Merit

KEY FEATURES

- 125-cm length for easy navigation from the radial artery
- Winged polycarbonate hub for easy manipulation
- Wire braided for torque, stability, and control
- Large inner lumens facilitate contrast
- Soft bumper tip provides atraumatic positioning

The Performa transradial peripheral angiographic catheter is available in longer sizes for interventional radiologists performing transradial peripheral interventions in the United States, Europe, and Canada. The catheter features a 125-cm length for easy navigation to the target vessel via the radial artery and is available in three inner lumen sizes:

- 4 F/0.042 inch (1.07 mm)
- 5 F/0.046 inch (1.17 mm)
- 6 F/0.054 inch (1.37 mm)

The varying Ultimate shapes of the Performa transradial peripheral catheter are designed to help navigate the vasculature from the radial access point to the selective visceral anatomy. The primary curve shapes seek the vessel ostium, and the secondary curves provide additional support against the opposing aortic wall to ensure that the catheter tip stays seated in the ostium.

"Transradial access is gaining momentum among interventional radiologists across the world," said Darren Klass, MD, PhD. "One of the major obstacles faced by [interventional radiologists] in adopting radial was the lack of catheters designed specifically for peripheral procedures, so I am excited to see the advances that Merit Medical and others are making in peripheral-specific products." ■

