

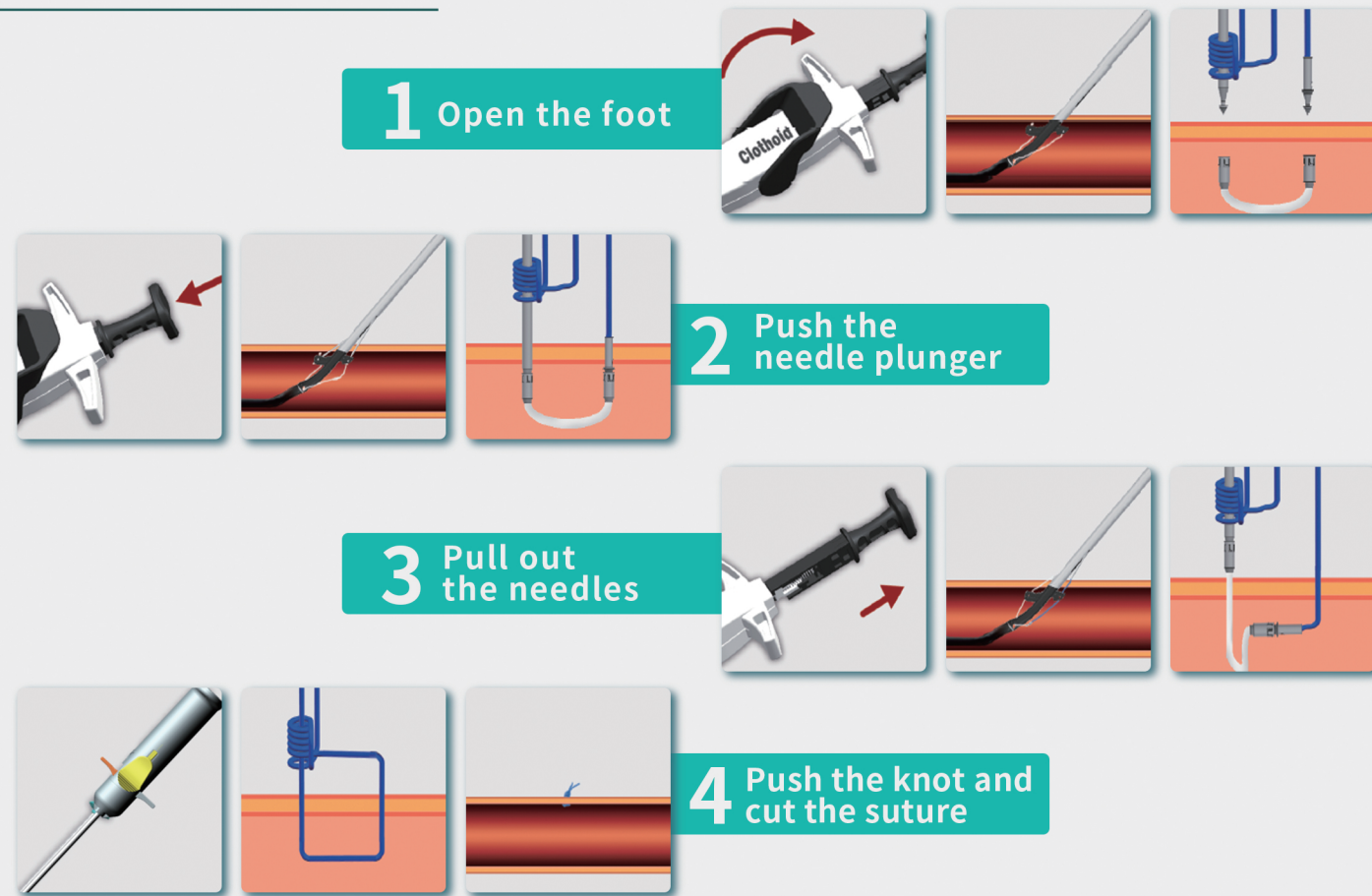
## CLOTHOID VASCULAR VESSEL CLOSURE SYSTEM

Clothoid Vascular Vessel Closure System is a suture mediated device to close femoral artery puncture site with a single monofilament polypropylene following digroscopic or interventional catheterization procedures.

## INDICATIONS

The Clothoid Vascular Vessel Closure System is designed for patients who have undergone diagnostic or interventional catheterization procedures using 5F to 21F sheaths. The pre-knot polypropylene suture is delivered percutaneously to close the common femoral artery access site. At least two devices are needed to close arteriotomy sites using an 8-21F procedural sheath.

## OPERATION STEPS



## ADVANTAGES

EASY \ SAFE \ CONTROLLABLE

### BY CLOTHOID VASCULAR VESSEL CLOSURE SYSTEM

- Confirmed during operation;
- Patients can walk immediately after the operation;
- Reduce the time on painkillers and inserting catheters.

VS

### BY COMPRESSION

- 30 mins of compression;
- Pressure dressing after operation, patients stay in bed for 24 hours;
- Complications of hematoma, pseudoaneurysm and vagal reflex.

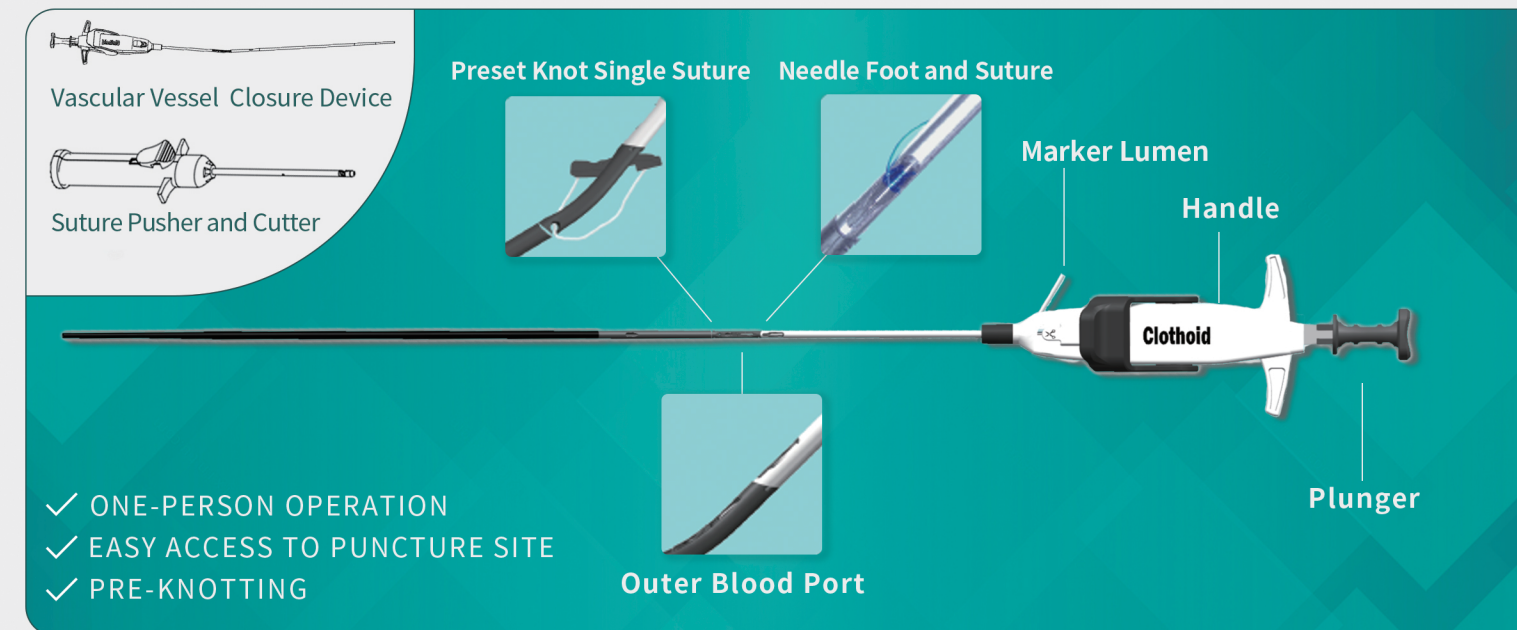
## DEVICE DESCRIPTION

The Clothoid Vascular Vessel Closure System is designed to deliver a single monofilament polypropylene suture to close femoral vessel puncture sites following diagnostic or interventional catheterization.

This Clothoid Vascular Vessel Closure System contains a plunger, handle, guide, and sheath. The Clothoid Vascular Vessel Closure System tracks over a standard 0.038" (or thinner) guidewire. A hemostasis valve restricts the blood flow through the sheath with or without the guidewire in place. The guide houses the needles, and the needle foot, and precisely controls the placement of these needles around the puncture site. The handle is used to stabilize the device during use. The plunger advances the needles and is used to retrieve the suture. A marker lumen is contained within the guide, with the intraluminal port of the lumen positioned at the distal end of the guide. Proximally, the marker lumen exits from the body of the device. The marker lumen allows a pathway for back-bleeding (obtaining mark) from the femoral artery to ensure proper device positioning.

An accessory (Suture Pusher and Cutter) is included, and are designed to position the tied suture knot to the top of the access site. The Suture Pusher and Cutter is also designed to trim the trailing limbs of suture.

The Clothoid Vascular Vessel Closure System is designed for use in closing common femoral artery and vein access sites.



## ORDER INFORMATION

ITEM	REFERENCE NO.	SPECIFICATION	PRODUCT DESCRIPTION
1	FS910002	6F	CLOTHOID VASCULAR VESSEL CLOSURE SYSTEM