CROSSING CHRONIC TOTAL OCCLUSIONS
Safe, reliable, guaranteed treatment
CHRONIC TOTAL OCCLUSIONS: THE CROSSING CHALLENGE

Chronic Total Occlusions (CTOs) are a leading cause of amputation and the most common reason patients are sent to surgery. Effective revascularization of CTOs begins with successful crossing. However, this process can be complex and frustrating. In fact, 20% to 30%\(^1\text{-}^4\) of CTOs cannot be crossed with a guidewire and support catheter alone. Having the right tools on hand to meet any crossing challenge is essential to success. Spectranetics offers a complete portfolio of products that enable you to safely and efficiently cross CTOs, and only Spectranetics offers a written guarantee.

OUR WINNING SOLUTION FOR CROSSING CTOs

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<td>Traditional Crossing Wires</td>
<td>• Quick-Cross™</td>
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<td><strong>88% SUCCESS</strong> after failed guidewire crossing(^5\text{-}^6)</td>
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<td>97/100 CTOs Crossed</td>
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<td><strong>80% SUCCESS</strong> Standard antegrade recanalization(^1\text{-}^4)</td>
<td>80/100 CTOs Crossed</td>
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A Complete Portfolio
Spectranetics’ portfolio of products includes support catheters, lasers, and retrograde access products for safely and reliably solving any CTO challenge.

Reliability Built In
When used as part of the Spectranetics five-step process for crossing and treating CTOs, our tools are nearly 100 percent effective.

Safe. Period.
The Spectranetics laser softens and vaporizes even the most stubborn total occlusions into particles smaller than a red blood cell, reducing the embolization risk. Support and laser catheters help physicians stay true lumen from the start, minimizing the risk of vessel damage. The Quick-Access™ Needle Holder and Quick-Cross Capture™ Guidewire Retriever reduce radiation exposure during retrograde procedures.

Guaranteed
Only Spectranetics backs up its promises with a written guarantee that you’ll never pay for a product that does not cross a CTO. When you attempt to cross a CTO with Spectranetics products from the start, you’ll only pay for the product that is ultimately successful.

STEP 4
Retrograde
• Quick-Access™ Needle Holder
• Quick-Cross™ Capture™ Guidewire Retriever

94% SUCCESS after failed antegrade recanalization\(^4,7-9\)
99/100 CTOs Crossed

STEP 5
Treat
• Turbo-Elite™ with 0.035” wire (ATK)
• Turbo-Elite™ with 0.014” wire (BTK)

If you can cross it, you can treat it.
A SOLUTION FOR EVERY CROSSING CHALLENGE

Spectranetics’ complete portfolio of products to cross and treat CTOs reliably and safely comes with a written guarantee of success.

Quick-Cross™ Support Catheter

The #1 selling support catheter:
- Translucent shaft to confirm luminal access
- Hydrophilic coating to allow for smooth passage through CTOs
- Low-profile tip hugs the wire to provide a low crossing profile for challenging CTOs
- Guidewire support to ensure CTO engagement and to avoid collaterals

Quick-Cross™ Extreme Support Catheter

Designed for tougher lesions:
- Stainless steel braid for increased pushability in difficult CTOs
- Hydrophilic coating to allow for smooth passage through the CTO
- Low-profile tip hugs the wire to provide a low crossing profile for challenging CTOs

Turbo-Elite™ Laser Atherectomy Catheter

The innovative, safe and versatile solution for crossing and treating CTOs above and below the knee:
- Versatile performance
- Cross and debulk with one device
- Reliably simple
- Strong clinical support

Quick-Access™ Needle Holder

Safe, effective vessel access during retrograde procedures:
- Keeps hands away from peak radiation zone
- Precise control over needle trajectory
- Wire lock for preloading and anchoring of guidewire
Designed for branched anatomy:
- 45-degree angled tip to navigate difficult anatomy
- Stainless steel braid for increased support and pushability
- Hydrophilic coating to allow for smooth passage through the CTO
- Low-profile tip hugs the wire to provide a low crossing profile for challenging CTOs

When a physician attempts to cross a CTO with Spectranetics products, they only pay for the product that is ultimately successful.

For more information, visit www.ctocrossing.com.
The Quick-Cross Capture Catheter is indicated for non-coronary and non-cerebral use in the vascular system. The catheters are intended to support a guidewire during access of vasculature, allow for exchange of guidewires and provide a conduit for the delivery of saline solutions or diagnostic contrast agents.

**Contraindications**

None.

**Warnings**

- Maximum infusion pressure is 300 psi. The catheter is designed and intended for intra-vascular use only. Do not re-sterilize and/or reuse. Careful inspection before use should verify that the catheter has not been damaged in shipment and that its condition is suitable for the procedure. The catheter should not be advanced through an area of resistance unless the source of resistance is identified by fluoroscopy and appropriate steps are taken to reduce or remove the obstruction. Catheter manipulation should occur only under fluoroscopy. If the catheter is used for infusion, reference the table of flow rates and ensure infusion pressure does not exceed the recommendations. Avoid introducing air or any other gas through the catheter into the vascular system.

**ISI QUICK CROSS CAPTURE**

**Indications for Use**

The Quick-Cross Capture Guidewire Retriever is intended to be used in conjunction with a steerable guidewire to access discrete regions of the vasculature and for guidewire exchange. The Quick-Cross Capture Guidewire Retriever is not intended for use in the coronary, cerebral or carotid vasculature.

**Contraindications**

None.

**Warnings**

- Careful inspection before use should verify that the catheter has not been damaged in shipment and that its condition is suitable for the procedure.
- The catheter should not be advanced through an area of resistance unless the source of resistance is identified by fluoroscopy and appropriate steps are taken to reduce or remove the obstruction.
- Catheter manipulation should occur only under fluoroscopy.
- If the catheter is used for infusion, reference the table of flow rates and ensure infusion pressure does not exceed the recommendations.
- Avoid introducing air or any other gas through the catheter into the vascular system.

**ISI QUICK ACCESS**

**Indications for Use**

The Quick-Access Needle Holders are intended to facilitate the placement of guidewires into the vascular system.

**Contraindications**

None.

**Warnings**

- The devices are intended for one-time use only. Do not re-sterilize or reuse.
- Careful inspection before use should verify that the catheter has not been damaged in shipment and that its condition is suitable for the procedure.

**SSPECTRANETICS’ TURBO ELITE® LASER ATHERECTOMY CATHETERS CVX-300® EXCIMER LASER SOFTWARE REQUIREMENTS:**

- **Software**
  - V3.8XX
  - V3.7XX

**Catheter Maximum Rep Rate**

- 80 Hz
- 40 Hz

When the laser catheter is in the body, it should be manipulated only while it is under fluoroscopic observation with radiographic equipment that provides high quality images.

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