



Braided Support Catheter

## Instructions for Use

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**Caution:** Federal law (USA) restricts this device to sale by or on the order of a physician

### DESCRIPTION

The Spectranetics Quick-Cross® Extreme Support Catheters are intravascular catheters. These catheters are available in a variety of lengths and tip configurations. All models have 3 radiopaque markers spaced equally along the distal shaft to aid in estimating geometry within the vascular system. The distal radiopaque marker is positioned within 3 mm of the distal catheter tip. A standard female luer is placed on the proximal end of each model. The catheter is coated with a lubricious, hydrophilic coating.

### INDICATIONS

Quick-Cross® Extreme Support Catheters are intended to guide and support a guidewire during access of the vasculature, allow for wire exchanges and provide a conduit for the delivery of saline solutions or diagnostic contrast agents.

### CONTRAINDICATIONS

None known.

**Product Features & Model Numbers Table**

Model (Ref)	Working Length	Tip Shape / Type	Hydrophilic Coating Length	Maximum Guidewire O.D.	Min. Guide I.D.	Min. Sheath I.D.	Maximum Catheter O.D.	Marker Band Spacing
518-084	135 cm	Straight	100 cm	0.014"	5F	4F	3.2F	15 mm
518-086	150 cm	Straight		0.042"			1.07 mm	
518-088	90 cm	Straight	60 cm	0.018"	5F	4F	3.4F	15 mm
518-090	135 cm	Straight	100 cm	0.044"			1.12 mm	
518-092	150 cm	Straight		0.46 mm				
518-076	65 cm	Straight	45 cm	0.035"	N/A	5F	4.5F	50 mm
518-078	90 cm	Straight	70 cm				0.059"	
518-080	135 cm	Straight	115 cm				1.50 mm	
518-082	150 cm	Straight	130 cm					

### **DISCLAIMER**

Spectranetics offers an exclusive limited warranty on this product. Spectranetics warrants that this product will perform as specified in the Instructions for Use for the period of time up to the product's "Use By" date.

### **DIRECTIONS FOR USE**

**Note:** Follow instructions for use for all equipment to be used with the Quick-Cross® Extreme Support Catheter.

1. Preparation: Using sterile technique, open the sterile package. Gently remove the luer hub from the card and slide the catheter out of the packaging. Fill a sterile standard luer-lock syringe with sterile saline and flush the lumen.
2. Insertion: Through a previously inserted, appropriately sized guiding catheter or introducer sheath, introduce the catheter over an appropriately sized guidewire (see specifications) using standard technique.
3. Advancement: Use fluoroscopic guidance when advancing the catheter to the desired location within the vasculature.
4. Removal: Gently withdraw the catheter using standard technique, being careful to maintain guidewire position if the guidewire is to remain in place.

**Infusion:** To perform infusion, withdraw the guidewire and reference the specifications for maximum infusion pressure.

**Note:** Do not exceed the maximum infusion pressures.

After use, dispose of all equipment in accordance with applicable requirements relating to hospital waste, and potentially bio-hazardous materials.

### **WARNINGS / PRECAUTIONS**

- Store in a cool, dry place. Protect from direct sunlight and high temperature (greater than 55°C or 131°F).
- Maximum Infusion Pressure: **300 psi** for 0.014" & 0.018" catheters and **500 psi** for 0.035" catheters.
- The catheter is designed and intended for one time use only. **Do not re-sterilize and/or reuse.**
- Do not use if device or packaging is damaged.
- Use the catheter prior to the "Use By" date (Expiration Date) specified on the package.
- The catheter should only be used by physicians qualified to perform percutaneous vascular interventions.

### **ADVERSE EFFECTS**

Vascular catheterization and/or vascular intervention may result in complications including but not limited to:

- Vessel dissection, perforation, rupture or total occlusion
- Infection
- Hematoma
- Unstable angina
- Embolism
- Hypo/hypertension
- Acute myocardial infarction
- Arrhythmia, including ventricular fibrillation
- Death

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