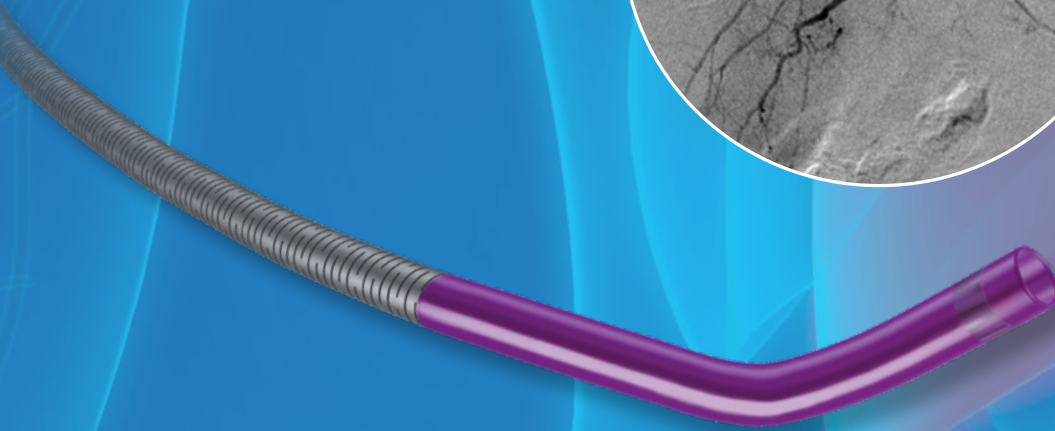
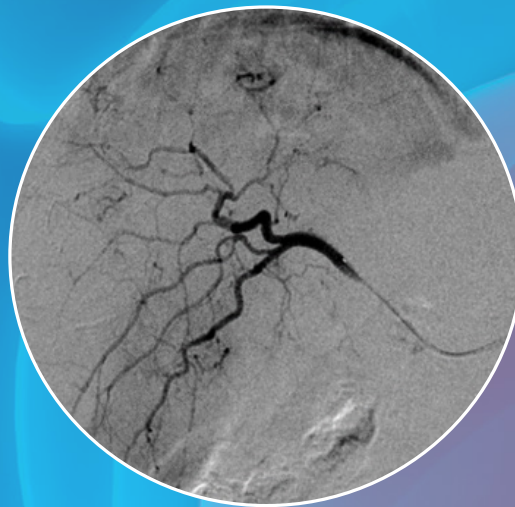




**DIREXION™** Torqueable Microcatheters

# SEE BETTER TREAT BETTER

with Superior Visualization

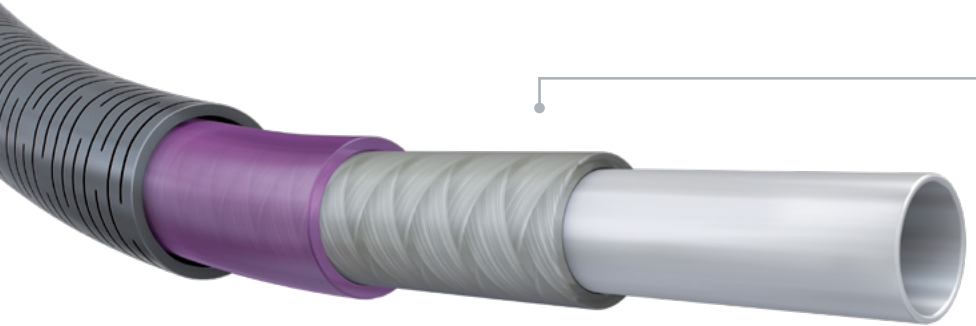


## **Set the Stage for Successful Outcomes**

Direxion Torqueable Microcatheters are uniquely designed to deliver 1200 PSI, providing higher flow rates and improved visualization of treatment targets.

# DIREXION™ Torqueable Microcatheters

Direxion microcatheters deliver precise **visualization** of treatment targets, making them ideal for liver directed therapy and other demanding procedures.

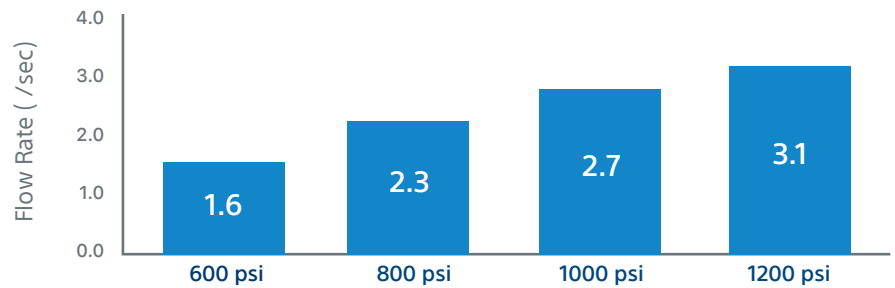


## Unique Construction

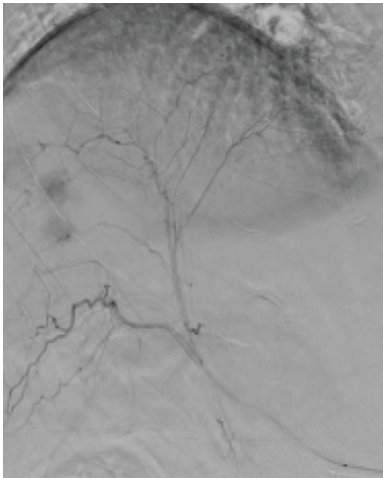
The specialized polyethylene braid adds strength to the construction of the catheter, allowing injection pressures up to 1200 PSI.

## Higher Flow Rates

Higher injection pressures set the stage for higher flow rates. The graph shows the effect as lumen size, viscosity and length are held constant.



\*Injections with Direxion 2.4 F, Isovue 300, and 105 cm catheter length



4.0 mL/s at 800 PSI



4.0 mL/s at 1200 PSI

## Better Image Quality

Exceptional visualization is a direct result of higher flow rates. These two images show how higher flow rates provide sharper images and aid in clear target identification.

The images are courtesy of Advent Health - Orlando. Injections with Direxion 2.4 F, 130 cm length. Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.

## DIREXION™ AND DIREXION HI-FLO™

**CAUTION:** Federal law (USA) restricts this device to sale by or on the order of a physician. Rx only. Prior to use, please see the complete "Directions for Use" for more information on Indications, Contraindications, Warnings, Precautions, Adverse Events, and Operator's Instructions.

**INTENDED USE/INDICATIONS FOR USE:** The Direxion and Direxion HI-FLO Torqueable Microcatheters are intended for peripheral vascular use. The pre-loaded Fathom and Transend Guidewires can be used to selectively introduce and position the microcatheter in the peripheral vasculature. The microcatheter can be used for controlled and selective infusion of diagnostic, embolic, or therapeutic materials into the vessel. **CONTRAINDICATIONS:** None known. **WARNINGS:** • Never advance or withdraw an intravascular device against resistance until the cause of resistance is determined by fluoroscopy. Movement of the microcatheter or guidewire against resistance may result in damage or separation of the microcatheter or guidewire tip, or vessel perforation. • This Direxion Microcatheter family is not intended for use in the coronary vasculature or neurovasculature. • The Direxion HI-FLO Microcatheter is not designed for the delivery of embolic coils. • Use of excessive force to manipulate the microcatheter against resistance can cause a fracture in the nitinol shaft. Take care not to over-torque the microcatheter, and to relieve any tension before withdrawal by rotating the microcatheter in the opposite direction. **PRECAUTIONS:** • This device should be used only by physicians thoroughly trained in percutaneous, intravascular techniques and procedures. • Do not introduce the microcatheter without guidewire support as this may cause damage to the proximal shaft of the catheter. • Because the microcatheter may be advanced into narrow sub-selective vasculature, repeatedly assure that the microcatheter has not been advanced so far as to interfere with its removal. **ADVERSE EVENTS:** The Adverse Events include, but are not limited to: • Allergic reaction • Death • Embolism • Hemorrhage/Hematoma • Infection • Pseudoaneurysm • Stroke • Vascular thrombosis • Vessel occlusion • Vessel spasm • Vessel trauma (dissection, perforation, rupture) **90960724 Rev/Ver. AB.6**

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