## Transjugular liver access

An illustrated guide

Illustrations by Lisa Clade

Ring transjugular intrahepatic access set



# Use products that are specifically designed for transjugular liver access.

#### **Features and benefits**

- The Colapinto Needle facilitates vascular access within the liver for subsequent wire guide, catheter, and sheath placement.
- The patented Flexor<sup>®</sup> sheath provides maximum flexibility without kinking or compression.
- The radiopaque band increases visibility for precise positioning.
- The set is available in 9 and 10 Fr sizes to allow you to address a variety of patient needs.

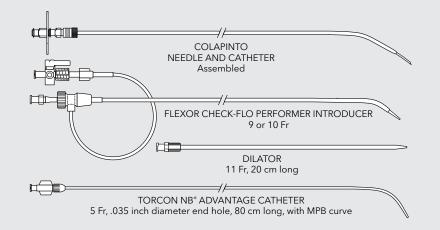


Order Number	Reference Part Number	Needle gage	Needle Length cm	Flexor Check-Flo Performer® Introducer Fr	Flexor Check-Flo Performer Introducer Length cm
G06541	RTPS-100	16	50.5	9	38.5
G29769	RTPS-100-10.0	16	50.5	10	38.5

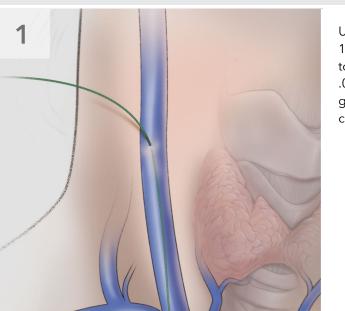
Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

## Transjugular liver access

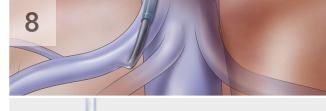
### An illustrated guide



Refer to the Instructions for Use (IFU) for complete use and prescribing information.



Use microaccess or standard 18 gage access techniques to introduce an appropriate .035 inch diameter wire guide into the inferior vena cava via jugular venous access.







Wedge the Colapinto Needle-and-PTFE-Catheter assembly against the vein wall.

In one forward movement, thrust the needle through the hepatic parenchyma and toward the portal system.

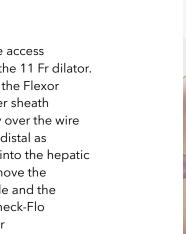
VAN ANDEL DILATATION CATHETER 5 Fr, .035 inch diameter end hole, 80 cm long

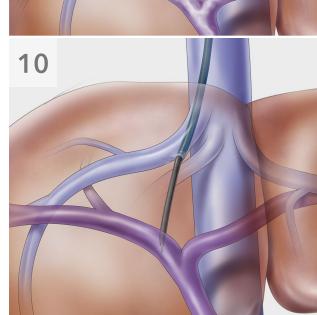
NEWTON WIRE GUIDE .035 inch diameter, 190 cm long, with 15 mm J-configuration tip

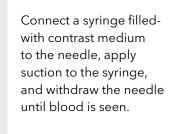
> AMPLATZ EXTRA-STIFF SUPPORT WIRE GUIDE .035 inch diameter, 190 cm long



Dilate the access site with the 11 Fr dilator. Advance the Flexor introducer sheath assembly over the wire quide as distal as possible into the hepatic vein. Remove the wire guide and the Flexor Check-Flo Performer Introducer's dilator.







Inject a small amount of contrast medium.

Confirm the needle's position in the portal system.

Advance the Colapinto PTFE transjugular catheter over the transjugular needle further into the portal vein. Remove the transjugular needle.

Leave the wire guide in a safe, distal position and remove the Torcon NB Advantage Catheter.

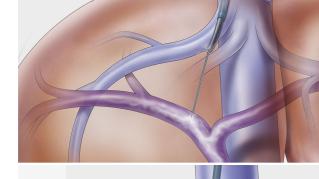
catheterize the right hepatic vein (RHV) or the most adequate hepatic vein branch.

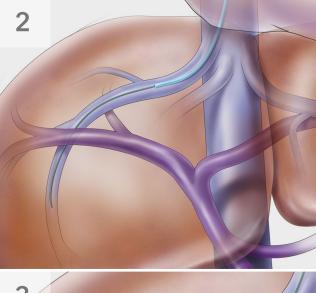
wire guide of your choice,

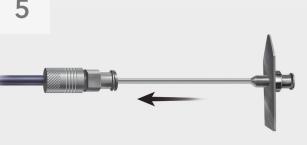
Using the Torcon NB











Introduce the Colapinto Needle-and-PTFE Catheter assembly through the sheath. The needle should not protrude past the catheter end hole.

Advance the Colapinto Needle-and-PTFE Catheter assembly into the hepatic vein.

Orient the Colapinto Needle-and-PTFE-Catheter assembly inferiorly and rotate it anteriorly.

(The arrow baseplate on the needle indicates the direction of the needle curve.)

11 13

Introduce the Newton wire guide into the portal branch and select the main portal vein (MPV).

Advance the Colapinto PTFE transjugular catheter and Flexor Introducer sheath into position across the parenchymal tract. Advance the Van Andel catheter through the Colapinto PTFE transjugular catheter into the portal vein.

Proceed with any indicated interventional procedures.



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#### **Customer Service**

EU Website: cookmedical.eu EDI: cookmedical.eu/edi Distributors: +353 61239240, ssc.distributors@cookmedical.com Austria: +43 179567121, oe.orders@cookmedical.com Belgium: +32 27001633, be.orders@cookmedical.com Denmark: +45 38487607, da.orders@cookmedical.com Finland: +358 972519996, fi.orders@cookmedical.com France: +33 171230269, fr.orders@cookmedical.com Germany: +49 6950072804, de.orders@cookmedical.com Hungary: +36 17779199, hu.orders@cookmedical.com Ireland: +353 61239252, ie.orders@cookmedical.com Italy: +39 0269682853, it.orders@cookmedical.com Netherlands: +31 202013367, nl.orders@cookmedical.com Norway: +47 23162968, no.orders@cookmedical.com Spain: +34 912702691, es.orders@cookmedical.com Sweden: +46 858769468, se.orders@cookmedical.com Switzerland - French: +41 448009609, fr.orders@cookmedical.com Switzerland - Italian: +41 448009609, it.orders@cookmedical.com Switzerland - German: +41 448009609, de.orders@cookmedical.com United Kingdom: +44 2073654183, uk.orders@cookmedical.com

USA Website: cookmedical.com EDI: cookmedical.com/edi.do Americas: Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335 E-mail: orders@cookmedical.com Australia: Phone: +61 734346000, 1800777222, Fax: +61 734346001, 1800077283 E-mail: cau.custserv@cookmedical.com-A4



