Support your procedures with products that are specifically designed for transjugular liver access.

Features and benefits

- The stiffening cannula provides added support during puncture.
- The trocar stylet facilitates vascular access within the liver for subsequent wire guide, catheter, and sheath placement.
- The radiopaque tip on the trocar stylet enhances visibility.
- The patented Flexor® sheath design provides flexibility without kinking or compression.
- Available in two lengths to address a variety of patient needs.

Precautions

- Not for use in pediatric patients.
- May be used with any venous access set.

Accessory Products

- Micropuncture® Introducer Set
- Amplatz Extra-Stiff Wire Guide
- The Firm™ Roadrunner® PC Hydrophilic Wire Guide
- Centimeter Sizing Catheter
- Torcon NB® Advantage Catheter

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

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

Orient the 10 Fr catheter-and-cannula assembly inferiorly and rotate it anteriorly. (The arrow baseplate on the needle indicates the direction of the needle curve.)

Use a selective catheter and a wire guide of your choice, catheterise the right hepatic vein (RHV) or the most adequate hepatic vein branch.

Dilate the introducer site with the 12 Fr dilator. Advance the Flexor introducer sheath assembly over the wire guide into the hepatic vein. Remove the dilator from the sheath and leave the wire guide in place.

Remove the stylet from the 5 Fr catheter.

Using a selective catheter and a wire guide of your choice, catheterise the right hepatic vein (RHV) or the most adequate hepatic vein branch.

Connect a syringe with contrast medium to the catheter, apply suction, and withdraw the catheter until blood is seen.

The tip of the catheter should be positioned within the portal vein, as indicated by blood return.

Remove the catheter and leave the wire guide in a safe, distal position.

Wedge the catheter-and-cannula assembly against the vein wall.

Inject a small amount of contrast medium in order to confirm the catheter’s position in the portal system.

Introduce the 14 gage stiffening cannula into the 10 Fr TFE catheter.

Hold the 14 gage offering cannula in a stable position. Advance the 10 Fr TFE catheter and the introducer sheath over the 5 Fr catheter and wire guide. Continue to advance the 10 Fr catheter and the introducer sheath until they are positioned across the parenchymal tract.

Insert the stylet through the 5 Fr catheter.

While maintaining access through the introducer sheath, you may remove or utilise the wire guide and 10 Fr catheter as required for further diagnostic or interventional procedures.
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**Order Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Reference</th>
<th>Description</th>
<th>Fr/Length</th>
<th>Diameter</th>
<th>Length</th>
<th>Gage/Length</th>
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</thead>
<tbody>
<tr>
<td>RUPS-100</td>
<td></td>
<td>Introducer</td>
<td>10/40</td>
<td>.038</td>
<td>62.5</td>
<td>18/51.5</td>
</tr>
</tbody>
</table>

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

**Accessory Products**

- **Micropuncture® Introducer Set**
  - G43872MPIS-505-SST

- **Amplatz Extra-Stiff Wire Guide**
  - Tip Configuration: Straight
  - Diameter: .035
  - Length: 180 cm

- **The Firm™ Roadrunner® PC Hydrophilic Wire Guide**
  - Tip Configuration: Angled
  - Diameter: .035
  - Length: 180 cm

- **Torcon NB® Advantage Catheter**
  - Diameter: 5 Fr
  - Length: 180 cm

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Accessory Products

- **Rösch-Uchida Transjugular Liver Access Set** with Check-Flo® Introducer
  - Order Number: G06929 RUPS-100
  - Available in two lengths with different diameters and lengths.

Other accessories are available:

- **Micropuncture® Introducer Set**
  - Outer Catheter Fr/Length cm
  - Wire Guide Diameter inch Length cm

- **Trocar Stylet**
  - Diameter inch Length cm

- **Stiffening Cannula**
  - Gage Length cm

- **Available in French sizes**

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

**See reverse for available accessory products.**

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- Email: info@cookmedical.com
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**Accessories and supplies**

- **Micropuncture® Introducer**
  - Fr/Length cm

- **Trocar Stylet**
  - Diameter inch Length cm

- **Stiffening Cannula**
  - Gage Length cm

- **Available in French sizes**

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