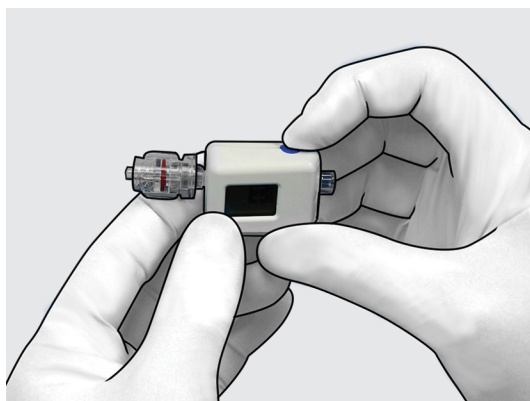


# EchoTip<sup>®</sup> Insight<sup>™</sup>

PORTOSYSTEMIC PRESSURE GRADIENT

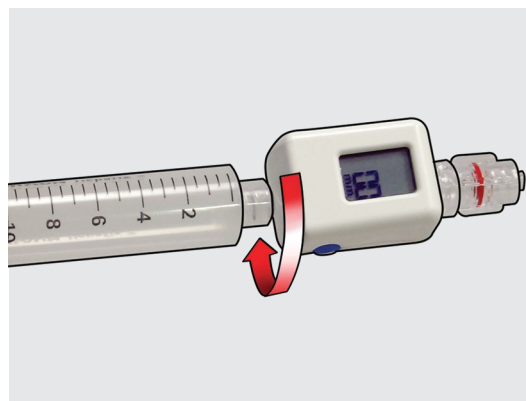
## System Prep 1



Inspect and remove all components from their individual packaging.

Remove the Luer cap from the transducer. Switch on the transducer as outlined in the Compass CT Instructions for Use.

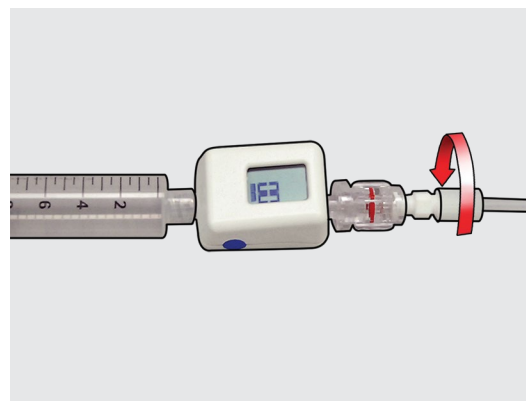
## System Prep 2



Fill 10 ml syringe with sterile fluid, ensuring that all large air bubbles are removed from the syringe.

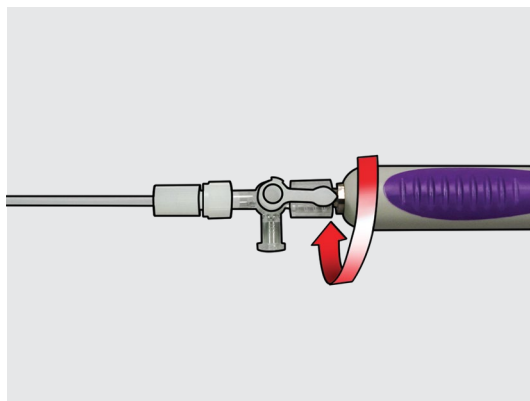
Attach the prepared syringe to the female Luer fitting of the transducer.

## System Prep 3



Attach the male Luer lock fitting of the transducer to the white female Luer of the connecting tube and secure tightly.

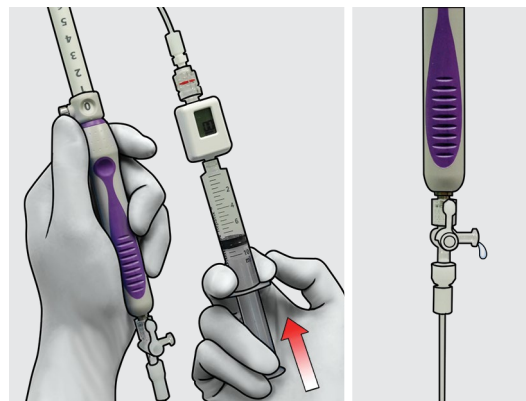
## System Prep 4



Attach the male Luer lock fitting of the connecting tube stopcock to the female Luer lock fitting on the needle handle and secure tightly.

**Note:** The system is now fully assembled.

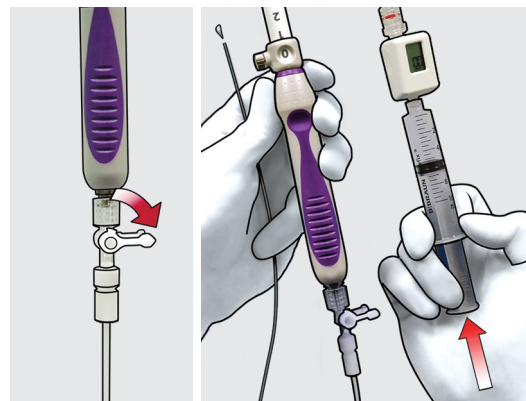
## System Prep 5



Prime the system up to the stopcock by slowly advancing plunger into syringe ensuring no large air bubbles are present in the system.

**Note:** Fluid should be visible exiting the sideport of the stopcock.

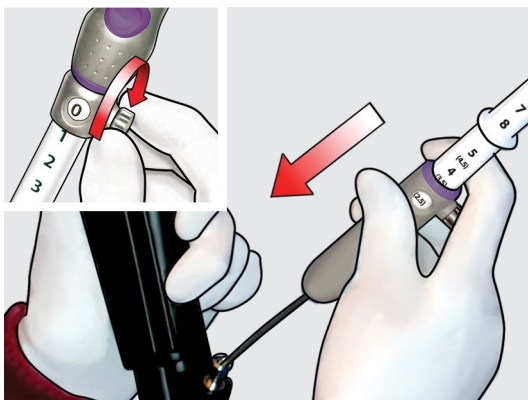
## System Prep 6



Adjust the stopcock to close the sideport before proceeding to prime the needle with minimum 1 ml of sterile fluid.

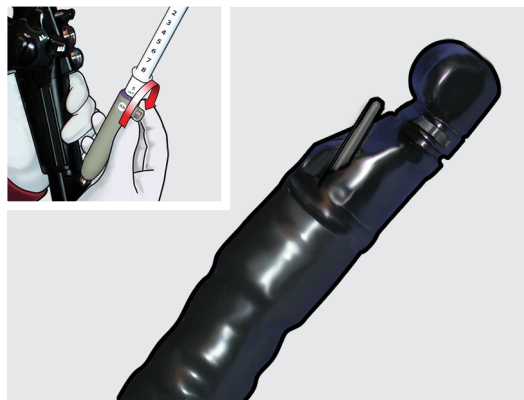
**Note:** Fluid should be visible exiting the distal tip of the sheath.

## Step 1



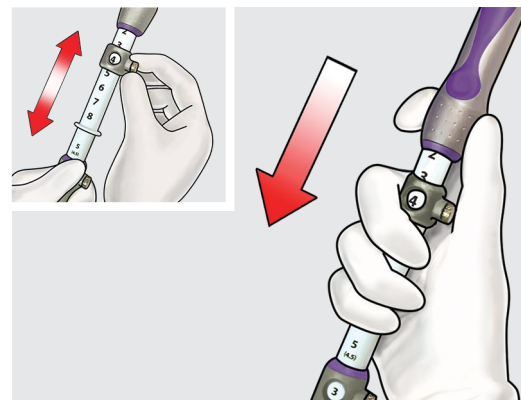
Identify desired vasculature. Ensure needle is retracted into sheath before inserting device into endoscope. Advance the device into the endoscope until fittings meet. Attach the device by rotating handle clockwise.

## Step 2



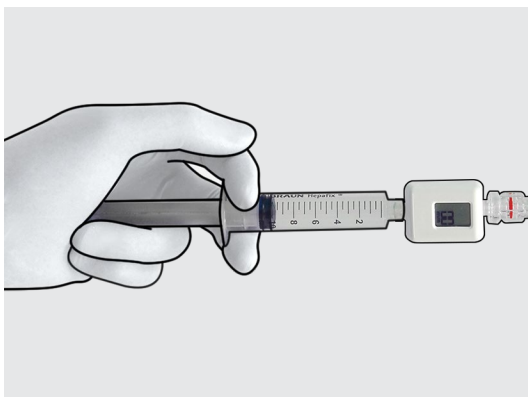
Adjust sheath to the desired position until the sheath has emerged from the working channel of the endoscope.

## Step 3



Set the needle extension to the desired length by loosening the thumbscrew on the safety ring, and advance until the desired reference mark appears in the window, then tighten the thumbscrew. Advance the needle into the desired vessel, either hepatic or portal vein.

## Step 4

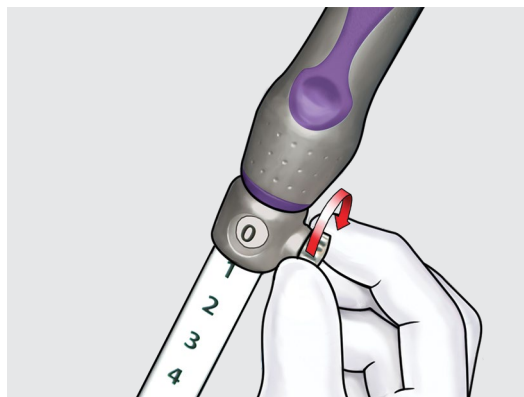


Using the prepared syringe, instill up to 0.5 ml of sterile fluid.

While maintaining position of both the needle tip and the transducer, allow time for pressure reading to equilibrate.

Repeat Step 4 to obtain triplicate measurements from same vessel.

## Step 5

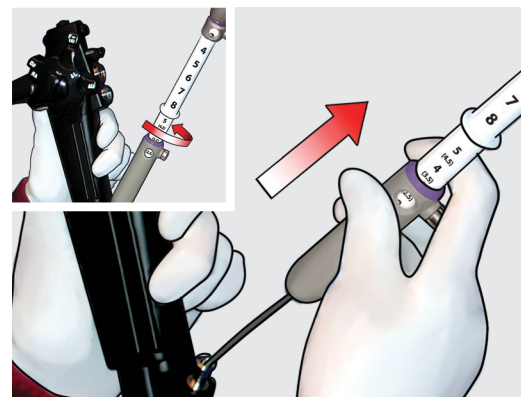


Retract the needle completely into the sheath and lock the thumbscrew on the safety ring at the 0 cm mark.

Reposition the endoscope and identify the second vessel to be accessed (opposite of the vessel accessed in Step 3).

Obtain triplicate measurements in this vessel by repeating Steps 3 and 4.

## Step 6



Retract the needle and lock the thumbscrew on the safety ring at the 0 cm mark.

Disconnect the needle from the fitting on the scope by rotating the handle counterclockwise and withdraw the entire device from the endoscope.

**Refer to current instructions for detailed system use.**

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

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