



IVUS Set-Up and Workflow

Imaging Catheters Preparation Instructions

1

Wet assemble the accessories (ensure air is removed from all the components).



2

Fully open the telescope.



3

2x Flush with telescope open. Flush the first 3 cc syringe slowly (first 1 cc is the most important to flush slowly). Refill the 3 cc syringe and flush a second time.



4

If not already done, connect the MDU Fast Pullback Motor Drive to the sled. Position the MDU in the back end of the Pullback Sled.

5

Cover the MDU Fast Pullback Motor Drive and the pre-connected Permanent Sled with the **Sterile Bag**.



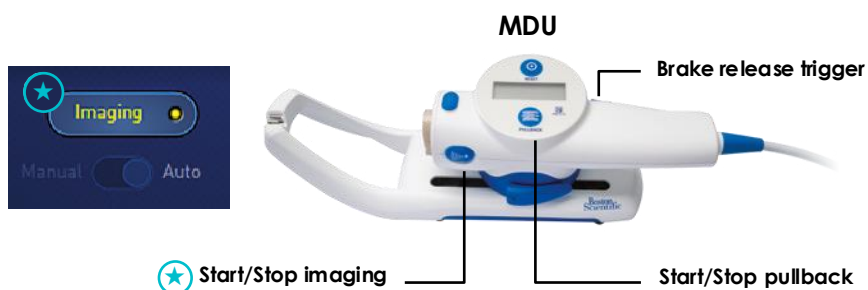
6

Connect the catheter to the MDU Fast Pullback.

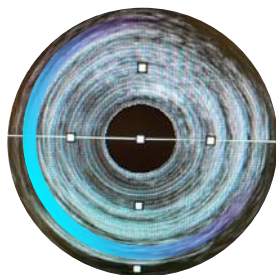


7

a. **Turn on « Imaging »** via the console, (★) or on the MDU Fast Pullback Motor Drive by pressing on the Imaging button. (★)



b. **Manually close telescope and Confirm catheter is working** (transducer rotation purges air bubbles).



8

a. **Turn off the « Imaging »** MDU Fast Pullback Motor Drive by re-clicking on the Imaging on the console or the MDU button. (★)

To prevent catheter damaging and/or complications, do not advance the IVUS catheter whilst imaging is activated.

b. Press the **Brake Release Trigger** (★) and **push forward the MDU at the front** of the Permanent Sled. **Lock the red anchor** (★) of the catheter to the Permanent Sled U-shaped Metallic Connector and its appropriate position on the Permanent Sled Bag, identified with a „2“.



9

Perform one final 3cc flush (final step to clear any air that may have gotten in due to telescope movement).

10

Following standard best practices: introduce the imaging catheter on the guidewire and into the patient. It's recommended to position the IVUS probe past the zone of interest if anatomy allows safely.





IVUS Set-Up and Workflow

IVUS Software Workflow

1

Turn Imaging On

- + Click IMAGING to start imaging and to confirm the sensor is at the right position.

2

Record Image

- + Click REC to start and stop recording.
- + The pullback method is auto-selected, slide to manual to continue with manual pullback.
- + Bookmarks can be added while recording. To stop recording, click the stop button.

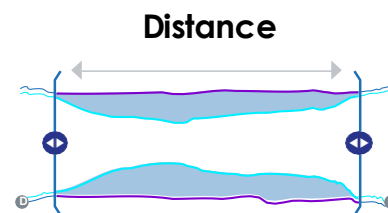
3

Record New Run

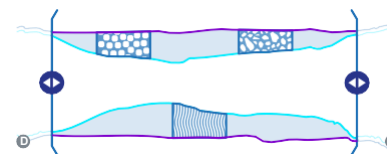
- + Reposition the sensor to the desired area of interest.
- + Click on LIVE at the top of the screen to be able to turn on imaging and/or recording.



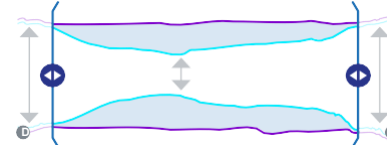
Pre-PCI Workflow



Definition

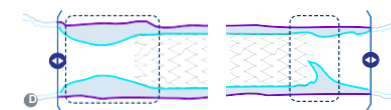


Diameter

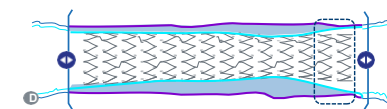


Post-Stent Workflow

Stent Edges



Stent Apposition



Stent Expansion

