1 Preparation

Steps Before Use of the OSTIAL PRO® System

- The artery is engaged with guiding catheter and the appropriate guide wire.
- Cannulate the ostium with the guide. Guide selection is important; choose a shape that provides the best coaxial alignment.
- When making a guiding catheter selection, consider the following guidelines:
  - Choose a shape that provides the best coaxial alignment.
  - Use a 6F guide for most coronaries with a stent of 4.5 mm or smaller.
- Use a 7F guide for peripherals up to a 6.0mm peripheral stent.
- For larger 7.0mm diameter peripheral stents, use of the OSTIAL PRO® would require an 8F guiding catheter.
- Just prior to loading the stent, prepare the OSTIAL PRO® System device by loading it onto the guide wire.

Load the OSTIAL PRO® System Into the Guiding Catheter

- Remove the OSTIAL PRO® System and introducer from the protective coil.
- Load the OSTIAL PRO® System (yellow end first) into the introducer.
- Continue to advance the OSTIAL PRO® System through the introducer until the gold-plated feet retract inside the introducer.
- Place blue introducer about halfway into Toughy-Borst adapter until it reaches the hub of the guide (protects device entering guide). Advance OSTIAL PRO® System and park in straight segment of guide.
- Slide introducer off the wire while maintaining wire position.

Pass Stent Through OSTIAL PRO® System in Straight Segment of the Guide

- Place OSTIAL PRO® System in straight segment of guide.
- Load the stent onto the guidewire and move it past the OSTIAL PRO® System.
**Advancement**

1. Advance the stent into the vessel, 4 to 5 mm past the ostial lesion.

**Positioning**

1. Push the guiding catheter forward until gold plated feet are clearly in contact with the aortic wall.
2. Leave the Ostial PRO® system free to move with guide forward toward ostium. Don’t pin.
3. Pin 0.014” guidewire and stent shaft to maintain position.
4. Advance guide and the Ostial PRO® system (as a unit) over stent shaft to ostium.
5. Advance until at least 2 legs of the Ostial PRO® system “flex”.
6. You will be able to “feel” the feet touching the aortic ostium.
7. Inject contrast to confirm position.

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This is intended as an overview or a reminder only. Please read full Instructions For Use for more detailed information on proper use, indications, contraindications, warnings, precautions, and adverse events.
Stent Deployment

Ensure the OSTIAL PRO® System is in the “Power Position”

- To identify whether the OSTIAL PRO® System is in the “Power Position” follow 1 through 4 (defining the true ostium).
  1. Leg “flexed” on aortic cusp
  2. Leg on aortic wall
  3. Leg on aortic wall
  4. Ostial plane is defined by the OSTIAL PRO® System
- Stent can now be properly aligned.

Pull Back Stent and Align With the OSTIAL PRO® System

- The stent is pulled back until the proximal marker band on the stent balloon is just proximal to the gold plated feet of the OSTIAL PRO Stent Positioning System.
- Inject contrast medium to confirm the stent position. The proximal stent delivery system marker band should typically be just distal to the distal tip of the guiding catheter.

Stent Deployment

- With the OSTIAL PRO® System in place (feet in the expanded position and the correct alignment confirmed), deploy the stent.
- Deflate the stent delivery balloon before removing the OSTIAL PRO® System from the guiding catheter.

Retraction

Final Steps

- Retract the OSTIAL PRO® System into the distal end of the guiding catheter.
- You can now remove the OSTIAL PRO® System from the guide.
- Re-inflate the balloon several mm proximal to the original inflation to “flare” the proximal end of the stent.
- Remove the stent delivery catheter.
- Precise stent placement at the ostium.