Supera
Peripheral Stent System

3 Keys for Deploying a Vascular Mimetic Implant

Supera Changes the Rules of Lesion Prep and Sizing

1. Pre-dilate
   - Pre-dilate the lesion to the outer diameter of the implant
   - Longer inflation times recommended

2. Size 1:1
   - Match implant size 1:1 to vessel diameter
   - Do not oversize the implant

3. Deploy Slowly
   - Magnify imaging to observe cell geometry
   - Use short, even throws of the thumb slide
   - Open the deployment lock and fully advance thumb slide to completely release the implant
   - Visually confirm implant detachment
   - Retract the tip and lock the thumb slide before withdrawal
   - Post-dilate as needed

Supera Preparation and Sizing Chart

<table>
<thead>
<tr>
<th>Implant Inner Diameter</th>
<th>Implant Outer Diameter</th>
<th>Recommended Minimum Inflated Balloon Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0 mm</td>
<td>4.6 mm</td>
<td>≥4.7 mm</td>
</tr>
<tr>
<td>5.0 mm</td>
<td>5.6 mm</td>
<td>≥5.7 mm</td>
</tr>
<tr>
<td>6.0 mm</td>
<td>6.7 mm</td>
<td>≥6.8 mm</td>
</tr>
<tr>
<td>7.0 mm</td>
<td>7.7 mm</td>
<td>≥7.8 mm</td>
</tr>
</tbody>
</table>

Deployment Steps and Technique

1. Flush the delivery system with saline, wipe the outer sheath to activate the hydrophilic coating, and load the distal end of the tip onto a 0.014” or 0.018” guide wire.
2. Advance the catheter until the Distal Sheath Marker and Implant Length Marker encompass the target lesion.
3. Rotate only the System Lock to the unlocked position.
4. Increase and maintain magnification for entire procedure to better visualize implant deployment.
5. Under fluoroscopy, initiate implant deployment by advancing the thumb slide while allowing the outer sheath to retract proximally.
6. Under fluoroscopy, continuously and slowly retract and advance the Thumb Slide multiple times. Shorter thumb slide advancements may provide greater control. Repeat until thumb slide advancement no longer deploys the implant.
7. Rotate the Deployment Lock to the unlocked position and fully advance the Thumb Slide to completely release the implant.
8. Confirm under fluoroscopy that the entire implant is released.
9. Fully retract the Thumb Slide to the starting position, then rotate the System Lock and Deployment Lock into the locked position.
10. Remove the device under fluoroscopy.
11. Post-dilatation is recommended.

Source: Refer to the Instructions for Use for additional information.

The Supera Peripheral Stent System is indicated for peripheral vascular use following failed PTA and palliative treatments of biliary strictures produced by malignant neoplasms. This document is specific to use of Supera in the SFA and popliteal arteries.
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