VENOVO™ Venous Stent

Bard’s Next Generation Venous Stent
The speaker's presentation today is on behalf of Bard Peripheral Vascular, Inc.

Any discussion regarding Bard products during the presentation today is limited to information that is consistent with the Bard labeling for those products.

Please consult Bard product labels and inserts for any indications, contraindications, hazards, warnings, cautions and instructions for use. The opinions and clinical experiences presented herein are for informational purposes only. The results from this case study may not be predictive for all patients. Individual results may vary depending on a variety of patient specific attributes.

The physician has been compensated by Bard Peripheral Vascular.
The Ideal Venous Stent

- Dedicated venous stent design
- Easy and accurate deployment
  - Easy to deploy
  - Radiopaque
  - Limited foreshortening
- Large diameters
- Long lengths
- Balance between radial force and flexibility
  - High radial force
  - High compression resistance
  - High flexibility

This product is not available for sale in the US
VENOVO™ Venous Stent Development

Understanding Venous Disease

Innovation

Computational Modeling

Development Testing

This product is not available for sale in the US
Venous Disease Understanding

- Collaborating with physicians
- Ethnographic studies
- Human imaging studies
Development Testing

In-Vitro

Durability

Animal

This product is not available for sale in the US
Radial Force and Crush Resistance

Bench testing may not be indicative of clinical performance. Different test methods may yield different results. Competitive testing samples represent commercially available venous stents with CE mark as of June 2014.

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Stent Flexibility

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Bard N=20
Optimed Sinus Venous N=3
Cook Zilver Vena N=3

This product is not available for sale in the US.
Visibility

Images presented above are from a Bard GLP animal study in an ovine model.

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**VENOVO™ Venous Stent**

- Tri-axial
- .035” OTW
- Dual-speed thumbwheel

- Self-expanding nitinol
- 6 markers at ends (3 tantalum, 3 nitinol)

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VENOVO™ Venous Stent

<table>
<thead>
<tr>
<th>Stent Lengths</th>
<th>20 mm</th>
<th>40 mm</th>
<th>60 mm</th>
<th>80 mm</th>
<th>100 mm</th>
<th>120 mm</th>
<th>140 mm</th>
<th>160 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stent Diameters</td>
<td>8F</td>
<td>9F</td>
<td>10F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 mm</td>
<td>12 mm</td>
<td>14 mm</td>
<td>16 mm</td>
<td>18 mm</td>
<td>20 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Post-thrombotic obstruction (PTS)

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Stenting for PTS

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Stenting for May-Thurner

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Indication for Use
The VENOVO™ Venous Stent System is indicated for the treatment of stenoses and occlusions in the iliac and femoral veins.

Contraindications
The Venovo™ Venous Stent System is contraindicated for use in:
• Patients with a known hypersensitivity to nitinol (nickel-titanium), and tantalum.
• Patients who cannot receive recommended antiplatelet and/or anti-coagulation therapy.
• Patients who are judged to have a lesion that prevents complete inflation of a balloon dilatation catheter or proper placement of the stent or the stent delivery system.

Please consult package insert for more detailed safety information and instructions for use.

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