The Evidence Is Clear in AV Access
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For more than 35 years, Bard has been your source for ePTFE grafts and improved clinical performance supported by evidence you can trust.

**CARBOFLO®**
Vascular Grafts

- Designed to Reduce Early Graft Failure Due to Thrombosis
- Cost Effective Alternative to Pharmacological Grafts
- Proven Clinical Outcomes in Below-Knee Popliteal & Distal Bypass

**12-Month Cumulative Patency**

<table>
<thead>
<tr>
<th></th>
<th>Primary Patency</th>
<th>Secondary Patency</th>
</tr>
</thead>
<tbody>
<tr>
<td>I/msmall</td>
<td>48%</td>
<td>54%</td>
</tr>
<tr>
<td>P/small</td>
<td>68%</td>
<td>70%</td>
</tr>
<tr>
<td>R/small</td>
<td>48%</td>
<td>54%</td>
</tr>
<tr>
<td>A/small</td>
<td>68%</td>
<td>70%</td>
</tr>
</tbody>
</table>

**BARD® IMPRA®**
ePTFE Vascular Grafts

- Proven Patency when Compared to Wrapped Grafts
- Designed for Fewer Interventions
- Promotes Better Tissue Incorporation

FOR IMPROVED CLINICAL PERFORMANCE YOUR CHOICE IS CLEAR
VENAFLO® Vascular Graft vs. Gore-Tex™

**Patency Rates**

<table>
<thead>
<tr>
<th>Sorom⁷</th>
<th>Venaflo® Vascular Graft</th>
<th>Gore-Tex™ Stretch Vascular Graft</th>
</tr>
</thead>
<tbody>
<tr>
<td>58%</td>
<td>21%</td>
<td>80%</td>
</tr>
<tr>
<td>P = 0.0213 24 Months</td>
<td>253 mL/min</td>
<td>121 mL/min</td>
</tr>
</tbody>
</table>

**Flow Rates**

<table>
<thead>
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<th>Gore-Tex™ Stretch Vascular Graft</th>
</tr>
</thead>
<tbody>
<tr>
<td>623 mL/min</td>
<td>531 mL/min</td>
<td>P = 0.037 12 Months</td>
</tr>
<tr>
<td>121 mL/min</td>
<td>623 mL/min</td>
<td>P = 0.012 24 Months</td>
</tr>
</tbody>
</table>

**References**

BARD® ePTFE AV Access Grafts

AV Access Grafts

IMPRA® Vascular Grafts

Straight
- CenterFlex™ Beading
Stepped
- CenterFlex™ Beading
Short Tapered
- CenterFlex™ Beading
Short Tapered CenterFlex™ Beading

CARBOFLO® Vascular Grafts available in:

Straight
- CenterFlex™ Beading
Stepped
- CenterFlex™ Beading
- Tapered CenterFlex™ Beading
- Short Tapered CenterFlex™ Beading

VENAFLOR® II Vascular Grafts

Straight
- CenterFlex™ Beading
Stepped
- CenterFlex™ Beading

Flex Small Beading
- CenterFlex™ Beading

Designed to strengthen critical areas and prevent kinking

Bovine and Carboflex® Vascular Grafts

Indications for Use: Bovine ePTFE Vascular Grafts are indicated for use as vascular prosthesis. Impra Short, Tapered, and Stepped Carboflex™ graft configurations are intended for use in subcutaneous antimicrobial conduits for blood access, bypass, or reconstruction of peripheral arterial blood vessels. Tapered, Short, and Stepped configurations may help minimize the risk of steel syndrome and high cardiac output. Carboflex™ graft configurations have a non-removable external spiral support (beading) and can be used where resistance to compression or kinking is desired. Impra beading deposits are not raddible. These grafts are intended for bypass, revascularization, repair of decelerating blood vessels, and have removable spiral support (beading) over the entire graft. These can be used where resistance to compression or kinking is desired. Insufficient clinical data are available on which to base any conclusions regarding the use of Thrombath II in grafts and, therefore, for further information, consult Impra® Vascular Grafts for applications involving, pulmonary arteries, coronary arteries, bronchial arteries, hepatic veins, pulmonary veins, or the inferior or superior vena cava.

Contraindications: None known.

Warnings: 1) All Impra® ePTFE Vascular Grafts are supplied sterile and nonpyrogenic unless the package is open or damaged. Impra® ePTFE Vascular Grafts are intended for use in single patient use only. DO NOT RESTERILIZE.
2) Do not use after expiration date printed on the label.
3) Anastomotic or graft dissection has been reported with Impra® ePTFE, arterial, femoral, or iliac bifurcated bypass procedures if improperly implanted. Refer to Specific Operator Procedures (Extra-Heating Bypass Procedures) for further instructions. Thrombath II Films Thrombath II grafts are not recommended for these types of bypass procedures.
4) For further instructions, refer to the "Sizing" section. (See Impra® Technical Manual and Impra® Technical Report)

Venaflo® II Vascular Grafts

Indications for Use: Venaflo® II Vascular Grafts in Straight, Stepped, CenterFlex™, and Stepped Centirex™ configurations are intended for use in subcutaneous antimicrobial conduits for blood access only.

Warnings: 1) All Venaflo® II ePTFE Vascular Grafts are supplied sterile and nonpyrogenic unless the package is open or damaged. Venaflo® II Grafts are intended for use in single patient use only. DO NOT RESTERILIZE.
2) Do not use after expiration date printed on the label.
3) Do NOT cannulate the externally supported portion of any Venaflo® II ePTFE Vascular Graft due to the risk of embolization and/or pseudoaneurysm formation.
4) Do NOT REMOVE THE EXTERNAL SPINAL SUPPORT FROM ANY Venaflo® II CONFIGURED GRAFT.

Adverse Reactions: Potential complications which may occur with any surgical procedure involving a vascular prosthesis include, but are not limited to: disruption of or tearing of the suture line, graft, and/or host vessel; suture hole bleeding; thrombosis; sepsis formation; weeping of the implanted limb; formation of hematomas or pseudoaneurysm; infection; steel syndrome; and/or skin erosion.

Precautions: 1) Do NOT cannulate the externally supported portion of any Venaflo® II ePTFE Vascular Graft due to the risk of embolization and/or pseudoaneurysm formation.
2) Do NOT exposed Venaflo® II ePTFE Vascular Grafts to temperatures greater than 500°F (260°C). PTFE decomposes when exposed to high temperature. Failure to follow correct sutureing techniques may result in suture-hole elongation, inappropriate suture spacing and bites, and gaps between the graft and host vessel. Failure to allow sufficient space for the suture holes may result in graft-misalignment and postoperative healing difficulties.
3) Consider intraoperative and postoperative patient anticoagulation therapy for each patient as appropriate.

Contraindications: None known.

Warnings: 1) Implant a non-removable external spiral support over the entire graft. These grafts can be used where resistance to compression or kinking is desired. Insufficient clinical data are available on which to base any conclusions regarding the use of Thrombath II in grafts and, therefore, for further information, consult Impra® Vascular Grafts for applications involving, pulmonary arteries, coronary arteries, bronchial arteries, hepatic veins, pulmonary veins, or the inferior or superior vena cava.

Precautions: 1) Do NOT cannulate the externally supported portion of any Venaflo® II ePTFE Vascular Graft due to the risk of embolization and/or pseudoaneurysm formation.
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