Terumo Interventional Systems is committed to your success with innovative procedural solutions and ongoing support for your most challenging cases. We are relentlessly seeking new ways to help you apply effective solutions and achieve better outcomes for more patients.

**Indications**
The Angio-Seal® Vascular Closure Device is indicated for use in closing and reducing time to hemostasis of the femoral arterial puncture site in patients who have undergone diagnostic angiography procedures or interventional procedures using an 8 French or smaller procedural sheath for the 8 F Angio-Seal device and a 6 French or smaller procedural sheath for the 6 F Angio-Seal device. Angio-Seal is also indicated for use to allow patients who have undergone diagnostic angiography to safely ambulate as soon as possible after sheath removal and device placement, as well as to allow patients who have undergone an interventional procedure to safely ambulate after sheath removal and device placement.

**Important Safety Information**
Possible adverse events for vascular closure devices include, but are not limited to: bleeding or hematoma, AV fistula or pseudoaneurysm, infection, allergic reactions, foreign body reaction, inflammation or edema. This device should only be used by a licensed physician (or other health care professional authorized by or under the direction of such physician) possessing adequate instruction in the use of the device, e.g., participation in an Angio-Seal physician instruction program or equivalent.

RX ONLY. This advertisement is directed to physicians only, and not to consumers. Refer to the product labels and package insert for complete warnings, precautions, potential complications, and instructions for use.

**References:**

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HELP ENSURE SUCCESSFUL HEMOSTASIS

The ANGIO-SEAL active closure anchor gives you the inside advantage. The anchor creates a mechanical seal from the inside out—here’s how:

- The anchor supports proper location for a reliable seal and collagen positioning1,2:
  - 99.7% deployment success3
  - 97.8% hemostasis by device3
- The anchor and seal are bioabsorbed:
  - Fibrin coats the anchor within hours and becomes totally encapsulated in 7-14 days4
  - Anchor begins to hydrate and soften 24-36 hours after deployment4
  - Anchor is absorbed 95% at 42 days5
  - All components are absorbed within 60-90 days1,2,4,5
- Arterial flow is not compromised, no evidence of chronic scar tissue or inflammation5,6

RELY ON DUAL SECURITY

The bioabsorbable ANGIO-SEAL anchor + collagen provides dual security, ensuring it is positioned correctly and stays in place1,2

- Bioabsorbable Anchor
  - Designed to fit closely against the arterial wall, leaving blood flow undisturbed with no residual stenosis3
- Bioabsorbable Collagen
  - Designed to conform to the arteriotomy for confident closure2
- Bioabsorbable Suture
  - Tethers the anchor and collagen together, providing a secure seal2

PERFORM RESTICK WITH CONFIDENCE

Clinical data supports the safety of restick following an initial ANGIO-SEAL deployment7

- Restick can be performed without device dislodgement or any significant vascular complications
- Arterial closure can be achieved with a second ANGIO-SEAL Vascular Closure Device

Vascular Complications Following Restick

<table>
<thead>
<tr>
<th>COMPLICATIONS</th>
<th>PROPORTION</th>
<th>95% CONFIDENCE INTERVAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Hematoma (&gt; 10cm)</td>
<td>0.0166</td>
<td>0.0043 – 0.0515</td>
</tr>
<tr>
<td>Vessel Occlusion</td>
<td>0</td>
<td>0 – 0.0259</td>
</tr>
<tr>
<td>Pseudoaneurysm</td>
<td>0</td>
<td>0 – 0.0259</td>
</tr>
<tr>
<td>AV Fistulae</td>
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<td>0 – 0.0259</td>
</tr>
<tr>
<td>Major Bleeding</td>
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<td>0 – 0.0259</td>
</tr>
<tr>
<td>Vascular Repair</td>
<td>0</td>
<td>0 – 0.0259</td>
</tr>
<tr>
<td>Death</td>
<td>0</td>
<td>0 – 0.0259</td>
</tr>
</tbody>
</table>

A clinical study of 187 patients evaluated safety and efficacy of a restick of the same artery following an initial ANGIO-SEAL device deployment. Patients were included in the study if they had an ANGIO-SEAL device deployment and subsequently underwent arterial access using the same artery that had previously been closed with an ANGIO-SEAL device within 90 days of the original device placement.