AMPLATZER™ Family of Vascular Plugs
Vascular Therapy
Advancing the Standard of Care in Peripheral Embolization

The AMPLATZER Family of Vascular Plugs is designed to provide optimal embolization through single device occlusion, full cross-sectional vessel coverage and controlled, precise deployment. Vascular plugs have the ability to be recaptured and repositioned, if necessary. A single device from the family of vascular plugs embolizes a vessel that would often require many coils, which makes it an efficient and cost-effective alternative.
The AMPLATZER Family of Vascular Plugs Provides

- Flexibility to select the right vascular plug for the procedure based on vessel type, blood flow and the available landing zone
- Precise delivery and secure positioning
- Fast procedure times resulting in low radiation exposure for physician and patient\(^1,2\)
- Device visibility under fluoroscopy with limited imaging artifact\(^3\)

**Clinical Applications**

The AMPLATZER Family of Vascular Plugs is indicated for arterial and venous embolization in the peripheral vasculature. Some examples include:

- **Pulmonary Arteries**
  - Proximal: 6 to 8 mm
  - Distal: 4 to 5 mm

- **Hepatic Artery**
  - 5 to 8 mm

- **Portal Vein**
  - 3 to 13 mm

- **Brachial Artery**
  - 4 to 6 mm

- **Gastroduodenal Artery**
  - 3 to 7 mm

- **Superior Mesenteric Artery**
  - 5 to 8 mm

- **Common Iliac Artery**
  - 7 to 10 mm

- **Internal Iliac Artery**
  - 5 to 6 mm

- **Superficial Femoral Artery**
  - 4 to 6 mm

- **Subclavian Artery**
  - 6 to 8 mm

- **Axillary Artery**
  - 5 to 7 mm

- **Gastric Artery**
  - 3 to 5 mm

- **Splenic Artery**
  - 5 to 7 mm

- **Renal Artery**
  - 5 to 7 mm

- **Gonadal Vein**
  - 4 to 9 mm

- **Inferior Mesenteric Artery**
  - 4 to 6 mm

- **External Iliac Artery**
  - 6 to 8 mm

- **Great Saphenous Vein**
  - 4 to 7 mm
The multi-layered, multi-segmented design of the AMPLATZER Vascular Plug II (AVP II) significantly reduces the time to occlusion for transcatheter embolization procedures, while maintaining complete control during positioning and delivery.

- Self-expanding design provides full cross-sectional vessel coverage which minimizes migration and recanalization potential.
- Multi-layered mesh lobes create six occlusive planes, inducing rapid vessel occlusion.
- Broad array of sizes (3-22 mm) available to treat a wide range of vessels.

Variable Landing Zone Embolization

The multi-layered, multi-segmented design of the AMPLATZER Vascular Plug (AVP) is one in a growing family of minimally invasive implantable embolization devices.

- Single-layer mesh and single-lobe design offers a device length appropriate for short landing zones.
- Finely braided Nitinol wire mesh is designed to provide a radial force that secures the AVP within the vessel.

Short Landing Zone Embolization
The AMPLATZER Vascular Plug 4 (AVP 4) is delivered through a 0.038 diagnostic catheter extending the reach of the AMPLATZER Family of Vascular Plugs. The flexible mesh of the AMPLATZER Vascular Plug 4 and the floppy distal section of the delivery wire enable the device to travel through tortuous anatomy with ease.

- Simple delivery through an 0.038 diagnostic catheter eliminating the need for catheter exchange
- Extended reach to distal vasculature due to the device’s low profile
- Rapid embolization provided by the device’s multi-layered, double-lobed design

Low-profile Embolization

The AMPLATZER Vascular Plug III (AVP III), with oblong cross-sectional shape, multiple Nitinol mesh layers and extended rims, provides the fastest occlusion of all AMPLATZER vascular plugs and is ideal for high-flow situations.

- Device rims extending past device body allowing for full wall apposition to enhance stability in high-flow vessels
- Small platinum marker on the distal rim designed to improve visualization for device orientation
- Easy device delivery by means of a 155 cm delivery wire accommodating a greater range of procedures

High-flow Embolization

The AMPLATZER Vascular Plug III (AVP III), with oblong cross-sectional shape, multiple Nitinol mesh layers and extended rims, provides the fastest occlusion of all AMPLATZER vascular plugs and is ideal for high-flow situations.
AMPLATZER Vascular Plug

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References
7. Study data on file at St. Jude Medical.

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Products referenced are approved for CE Mark. The AMPLATZER Vascular Plug III and AMPLATZER Vascular Plug 4 are not available in the U.S. Devices depicted may not be available in all countries. Check with your St. Jude Medical representative for product availability in your country.

Brief Summary: Please review the Instructions for Use prior to using these devices for a complete listing of indications, contraindications, warnings, precautions, potential adverse events, and directions for use.

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