



ANGIO-SEAL™  
VASCULAR CLOSURE DEVICE

VIP



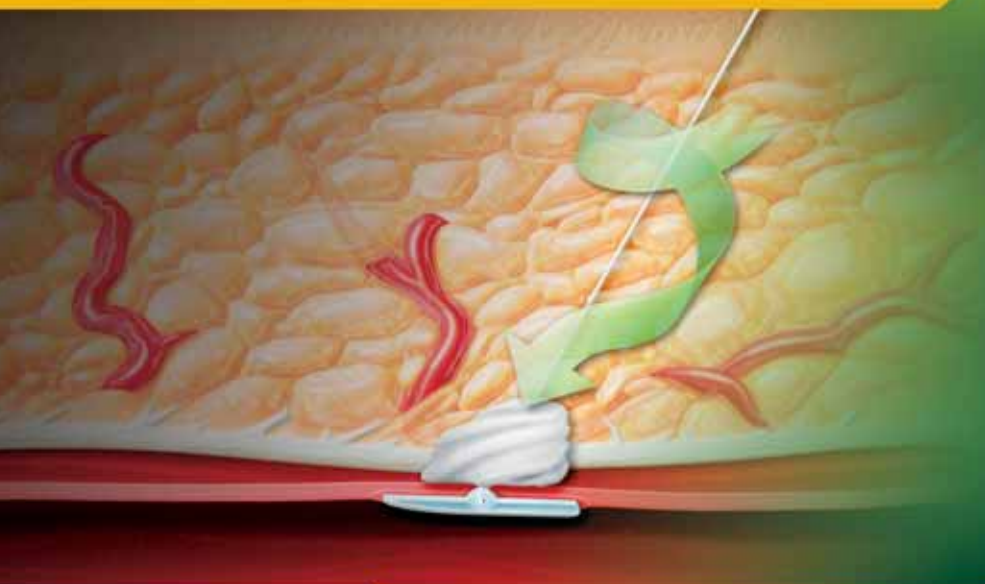
# V-Twist

Technology for Confident Closure

# Introducing the Angio-Seal™ VIP

Device with V-Twist™ Technology

*Proven to provide confident closure in both diagnostic and interventional cases, the Angio-Seal™ VIP Vascular Closure Device is the device of choice for closure in even the most challenging situations.*



The "VIP" V-Twist Integrated Platform is a unique technology providing a larger collagen footprint for better arteriotomy coverage and designed for enhanced conformability around the artery for a more uniform and secure seal.

*The Angio-Seal™ VIP Device combines the smooth insertion of the Angio-Seal™ STS Device and the accuracy of the Angio-Seal™ STS Plus Device with the security of V-Twist Technology to create the ideal closure solution.*

*As the global leader in vascular closure, St. Jude Medical continues to provide the most advanced closure technologies available.*





# Why is the Angio-Seal™ VIP Device the Ideal Solution?

The Angio-Seal™ VIP Vascular Closure Device utilizes a unique new V-Twist collagen folding pattern\* technology for more confident closure:

## Larger Footprint

V-Twist Technology provides a larger footprint for more coverage of the arteriotomy than the Angio-Seal™ STS or STS Plus Devices (figure 1).

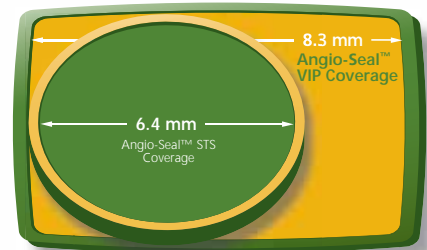


Figure 1

## Designed to Conform to the Artery

The unique V-Twist deployment system is designed to allow the collagen to conform to the arteriotomy site (figures 2-4).

## Smooth Collagen Compaction

The device features a Bondek®-Plus\*\* Suture with a patented Polyglyd™ coating for maximum lubricity.

The lubricious suture enables smooth compaction for a uniform and secure seal, while maintaining secure knot locking ability.



Figure 2



Figure 3



Figure 4

Smooth, Uniform Compaction

\*Patent pending.

\*\*Bondek®-Plus is a registered trademark of TFX Medical.

Available in 6F and 8F

# When to Use the Angio-Seal™ VIP Device

Designed to be effective in even the most challenging cases, the Angio-Seal™ VIP Device is designed to offer enhanced coverage and conformability making it ideal for all types of cases.

## Diagnostic & Interventional Cases

Clinical studies show using the Angio-Seal™ Device in diagnostic procedures improves hospital productivity and patient satisfaction.<sup>1</sup>

Angio-Seal™ Devices have been clinically proven to reduce the rate of vascular complications in interventional cases.<sup>2</sup>

When used, the Angio-Seal™ Device can dramatically enhance the overall cost effectiveness of your cath lab.<sup>3</sup>

## Anti-Coagulated Patients

Angio-Seal™ Devices are especially effective for highly anti-coagulated patients and patients on GP IIb/IIIa inhibitors.<sup>4</sup>

The Angio-Seal™ VIP Device has been designed to further enhance closure in this patient population.

<sup>1</sup> Abando A, Hood D, Weaver F, Katz S. The use of the Angio-Seal™ Device for femoral artery closure. *J Vasc Surg.* Aug 2004;40(2):287-290.

<sup>2</sup> Vaitkus PT. A meta-analysis of percutaneous vascular closure devices after diagnostic catheterization and percutaneous coronary intervention. *J Invasive Cardiol.* May 2004;16(5):243-246.

<sup>3</sup> Bos JJ, Hunink MG, Mali WP. Use of a collagen hemostatic closure device to achieve hemostasis after arterial puncture: a cost-effectiveness analysis. *J Vasc Interv Radiol.* Jul-Aug 1996;7(4):479-486.

<sup>4</sup> Angio-Seal™ VIP Device Instructions for Use ©2005, St. Jude Medical, Inc.





# Rely on the Angio-Seal™ VIP Device

Angio-Seal™ Devices have been clinically proven to provide the kind of safe, effective vascular closure you can trust:

## Safe Restick

Arterial restick can be performed safely without device dislodgement or significant vascular complications.<sup>1</sup>

## Fully Absorbable

The suture, collagen and anchor components used to seal the arteriotomy are all fully absorbable.

## Early Ambulation and Discharge

Clinical study shows diagnostic patients can safely ambulate in 20 minutes and be discharged 60 minutes after ambulation.<sup>2</sup>

<sup>1</sup>Applegate RJ, Rankin KM, Little WC, Kahl FR, Kutcher MA. Restick following initial Angio-Seal™ use. *Catheter Cardiovasc Interv.* Feb 2003;58(2):181-184.

<sup>2</sup>Angio-Seal™ VIP Device Instructions for Use ©2005, St. Jude Medical, Inc.





# ANGIO-SEAL™

VASCULAR CLOSURE DEVICE

## VIP



### Ordering Information

REORDER NUMBER	FRENCH SIZE
610130	6F
610131	8F

#### Rx Only

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

**Indications:** St. Jude Medical Angio-Seal™ Vascular Closure Device product family, including the STS, STS Plus and VIP platforms, is indicated for use in closing and reducing time to hemostasis at 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 8F Angio-Seal™ device and a 6 French or smaller procedural sheath for the 6F Angio-Seal™ device.

The Angio-Seal™ STS, STS Plus and VIP platform devices are 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.

Possible adverse events for vascular closure devices include, but are not limited to: bleeding or hematoma, AV fistula or pseudoaneurysm, infection, allergic reaction, foreign body reaction, inflammation or edema.

Visit our website: [www.sjm.com](http://www.sjm.com)  
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