

# SyvekExcel®

## Fast, Easy, Effective Hemostasis for Vascular Catheterization



### Proven Hemostatic Action

SyvekExcel® utilizes poly-N-acetyl glucosamine (pGlcNAc) fibers derived from microalgae, to assist in obtaining and maintaining hemostasis.

- Proven results in ACTs up to 300<sup>2</sup>
- Allows for almost immediate sheath pull after the procedure<sup>1</sup>
- Can reduce time to ambulation for PCI patients to two hours<sup>1</sup>

### Unique Three-Dimensional Structure

SyvekExcel® is a noninvasive vascular access hemostasis system that utilizes poly-N-acetyl glucosamine fibers in a unique lyophilized three-dimensional structure. SyvekExcel® features an increased polymer content and expanded surface area to achieve faster, easier, effective hemostasis.

SyvekExcel® is Non-Immunogenic with No Known Contraindications.

### Ideal for Anticoagulated Patients

SyvekExcel® is effective for treating anticoagulated patients that are undergoing femoral vascular catheterization procedures. Evidence shows that SyvekExcel® consistently demonstrates hemostatic action for coagulopathies caused by:

- Heparin<sup>2</sup>
- Angiomax® (bivalirudin)<sup>1,2</sup>
- Plavix® (clopidogrel)<sup>1,2</sup>
- GPIIb/IIIa-receptor antagonists<sup>1,2</sup>
- Aspirin<sup>1,2</sup>

### Allows for Reaccess to the Puncture Site

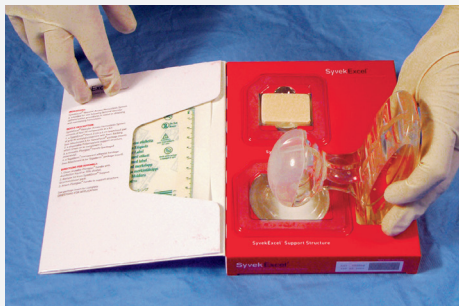
- No residual foreign material<sup>3</sup>
- No groin/anatomy changes<sup>4</sup>
- Efficient for a wide range of sheath sizes<sup>3</sup>
- Less risk of infection<sup>3</sup>
- No mechanical failure

Visit [www.syvek.com](http://www.syvek.com) or call 1.888.666.2560 to learn more about the effectiveness of SyvekExcel®.

# Easy to Use and Apply

Each SyvekExcel Vascular Access Hemostasis System® package contains:

- SyvekExcel® 3 cm x 4 cm lyophilized pad of poly-N-acetyl glucosamine with foam backing
- Disposable polypropylene support structure which snaps on to a reusable “Plexiglas® handle”
- Tegaderm® transparent adhesive bandage.



**1** Open system components onto sterile field



**2** Apply SyvekExcel® and pressure to the site

## Instructions for Use

- Open SyvekExcel® and deliver it to the sterile field
- Hold occlusive pressure proximal to the puncture site and remove the sheath
- Allow 1-2 drops of blood from site
- Immediately place SyvekExcel® over the puncture site and hold firm pressure, while continuing to hold proximal pressure
- Slowly decrease amount of proximal pressure after 4 to 6 minutes (3 – 4 minutes for diagnostic procedures) while continuing to apply firm compression over the puncture site
- Hold firm pressure on the puncture site until hemostasis is achieved, then slowly release
- Assess the site without disturbing SyvekExcel®, then cover with a transparent dressing

## Removing SyvekExcel®

- Soak SyvekExcel® with water
- Gently peel off SyvekExcel®

<sup>1</sup>Mego D, Thomas M, Stewart J, et al. *J Invas Cardiol.* 2010; 22:35-39

<sup>2</sup>Ghitis A, Cusnir H, Salajka H, et al. *Cardiovasc Revasc Med.* 2008;9 (2):128.

<sup>3</sup>Hirsch JA, Reddy SA, Capasso WE, et al. *Tech Vasc Interv Radiol.* 2003;6:92-95.

<sup>4</sup>Nader R, Garcia J, Drushal K, et al. *J Invas Cardiol.* 2002; 14:305-307

Tegaderm® is a registered trademark of 3M

Plexiglas® is a registered trademark of Arkema, Inc.

Angiomax® (bivalirudin) is a registered trademark of The Medicines Company

Plavix® (clopidogrel) is a registered trademark of Sanofi-Aventis

### Indications for Use

SyvekExcel® is intended for use following femoral vascular catheterization procedures to assist in obtaining and maintaining hemostasis.

### Safety Information

PRECAUTIONS: There are no known contraindications to the use of SyvekExcel®. Longer compression may be necessary for hypertensive or obese patients.

NOT MADE WITH NATURAL RUBBER LATEX

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician or other licensed practitioner

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## SyvekExcel® Ordering Information

Item #	Quantity	Description
400-16-05	1 Case of 20 (4 Towers of 5 Kits) (Full System)	SyvekExcel Vascular Access Hemostasis System®
400-16-20	1 Sleeve of 20	SyvekExcel®

Order Fax: 877.270.8500

Order Telephone: 888.666.2560

## About Marine Polymer Technologies, Inc.

SyvekExcel® is manufactured by Marine Polymer Technologies, Inc., an innovative medical device company focused on the development and delivery of biomaterials for the medical field. Since 1992, we have introduced a variety of ground-breaking products in the areas of hemostasis and wound healing to support healthcare providers and their patients. Our revolutionary products are based on the isolation, characterization and formulation of our novel and proprietary polysaccharide polymer (pGlcNAc). We are committed to the highest quality standards that meet both our customers' expectations and regulatory requirements. Marine Polymer Technologies, Inc. complies with FDA QS 820 regulations, the EC Directive 93/42/EEC and is ISO 13485 certified.

## SyvekExcel®

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