

SURGICEL™ Powder
Absorbable Haemostat

Presenting SURGICEL™ Powder

Built to stop continuous, broad-
surface oozing*—fast**/** 1-4



*Continuous oozing defined as bleeding that will not stop with compression / simple packing

**TTH study of SURGICEL™ Powder shows average time to haemostasis of 30 seconds.

***is ready to use out of the package with no preparation required

The next generation of SURGICEL™ Absorbable Haemostats

SURGICEL™ Powder provides efficient control of continuous oozing bleeding on broad surfaces^{2,5*}

- Can be stored at room temperature and is ready to use out of the package with no preparation required³
- Penetrates through the blood to stop bleeding at the source, effectively achieving haemostasis in a wet field^{6,7}
- After haemostasis has been achieved, irrigation of excess powder can be performed and the bleeding site will not re-bleed^{7**}

Everything you've come to expect from the SURGICEL™ Family of Absorbable Haemostats

- Proven bactericidal in vitro against a broad range of gram-positive and gram-negative organisms, including various antibiotic-resistant bacteria (MRSA, VRE, PRSP and MRSE)^{3,8}
- Contains an aggregate of ORC fibre fragments intended to help control capillary, venous, and small arterial hemorrhages^{2,3,†}

Efficient aspirator keeps powder securely in place until surgeon is ready to deploy, and modulates the amount of powder per pump for **consistent expression** regardless of device orientation⁹

Flexible Tip:

The flexible tip on both the open and endoscopic applicators allows for aspiration in any direction in open and minimally invasive procedures (MIPs)^{2,4,10,11}



*Continuous oozing defined as bleeding that will not stop with compression / simple packing

**Based on a preclinical animal study

†When ligation or other conventional methods of control are impractical or ineffective.

Get to the source of the bleed

The structure of Surgicel™ Powder Absorbable Haemostat allows it to penetrate the surface of the blood to get to the source of bleeding^{6,12}

- 1** Oxidised regenerated cellulose (ORC) in powder form allows for efficient coverage of broad surfaces⁵

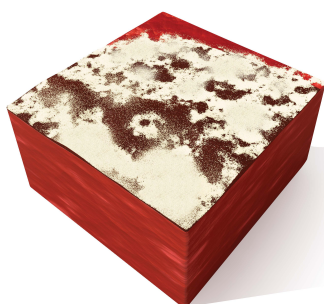


- 2** **SURGICEL™ Powder** Absorbable Haemostat provides a surface for platelet adhesion and aggregation, working with the patient's endogenous clotting factors to initiate clot formation¹³

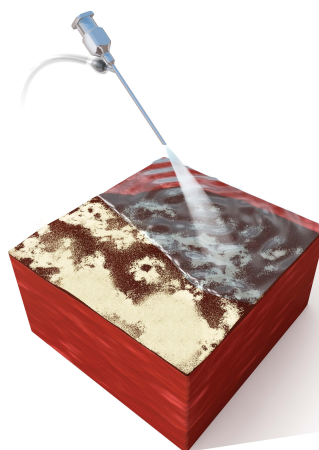


SURGICEL™ Powder contains an aggregate of oxidised regenerated cellulose (ORC) fibre fragments intended to help control capillary, venous and small arterial haemorrhages^{2,3,††}

- 3** Built to stop continuous, broad-surface oozing*—**fast**
/*, 1,4



- 4** After haemostasis has been achieved, irrigation of excess powder can be performed and the bleeding site will not re-bleed^{7†}



Indication:

SURGICEL™ Powder (oxidised regenerated cellulose) is used adjunctively in surgical procedures to assist in the control of capillary, venous, and small arterial haemorrhage when ligation or other conventional methods of control are impractical or ineffective.³

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SURGICEL™

Family of Absorbable Haemostats



One family. **Five products.** 50+ years.



SURGICEL™ Original
Absorbable Haemostat



SURGICEL™ FIBRILLAR
Absorbable Haemostat



SURGICEL™ Powder
Absorbable Haemostat



SURGICEL™ SNoW™
Absorbable Haemostat



SURGICEL™ NU-KNIT™
Absorbable Haemostat

The SURGICEL™ Family provides a breadth of solutions for all continuous oozing bleeding situations. Continuous oozing is defined as bleeding that will not stop with compression/simple packing, with the management being more time consuming than it is difficult.





SURGICEL™ Powder Absorbable Haemostat is an addition to the SURGICEL™ Family of Absorbable Haemostats

Ordering Information

Code	Description	Device Specifications	Quantity (per box)
3023SP	SURGICEL™ Powder	3.0 grams	5 units

Further Information

Please contact your local Ethicon Sales Specialist

Situation

Continuous Oozing

Will not stop with compression/simple packing. The management of this bleeding type is more time consuming than it is difficult.



Solution

SURGICEL™

Part of the ETHICON Biosurgery portfolio of adjunctive haemostats.

References: **1.** Ethicon, SURGICEL® Powder versus SURGICEL® Original. Final Report, PSE Accession No. 15-0061, Project No. 16438, September 2015, Data on file. **2.** Ethicon, SURGICEL® Powder versus Competitive Powdered Hemostats. Final Report, PSE Accession No. 16-0006, Project No. 16438, March 2016, Data on file. **3.** SURGICEL® Powder Absorbable Hemostat, Instructions for Use. Ethicon, Inc. **4.** Ethicon, K-5678 Surgicel Endoscopic Applicator Summative Usability Design Validation Surgeon and Nurse Study, December 2016, Data on File. **5.** Ethicon, Market Research on unmet need - Project Pixie Global Positioning Report, Dec 2014, Data on file. **6.** Ethicon, Surface energy/tension analysis among ORC Aggregate, ORC Fine Fiber, and Arista - Project PIXIE, March 2017, Data on file. **7.** Ethicon, SURGICEL® Powder versus ARISTA™ AH. Final Report, PSE Accession No. 15-0120, Project No. 16438, September 2015, Data on File. **8.** Ethicon, 100408840-2 ORC Powder Bactericidal efficacy, Data on File. **9.** Ethicon, Expression testing- ADAPTIV Document 100293850-1, March 2017, Data on file. **10.** SURGICEL® Endoscopic Applicator, Instructions for Use. Ethicon, Inc. **11.** Ethicon, 100294016 Rev6, Design Requirements Matrix Project Pixie: SURGICEL Powder, Dec 2016, Data on File. **12.** Ethicon, US Patent Compacted Hemostatic Cellulosic Aggregates - Application 20170128618, May 11 2017, Data on file. **13.** Ethicon, SURGICEL Technical Report, 006321-131114, October 2013, Data on File.

Please always refer to the Instructions for Use / Package Insert that come with the device for the most current and complete instructions.

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