Designed to help you achieve haemostasis

Veriset[™]

Hemostatic Patch

- Fast and effective¹
- Increased patient safety²
- Ease of use^{1,2}
- Potential cost saving^{4,5}

¥ Effective despite coagulation/clotting deficiency (based on serum plasma morphology)

Potential Cost Savings

Potentially lowering the costs associated with surgery and postoperative patient management^{4,5}

"Bleeding is detrimental and costly. Prevention of bleeding and transfusion can be expected to have tremendous effects on reallocation of resources"⁴

"Peri-operative blood loss during liver surgeries may add significant burden to hospital resources and costs" ⁵

"Patients with peri-operative blood loss possibly tend to stay significantly longer in the hospital and may have a higher mortality rate compared to those who do not experience peri-operative blood loss" ⁵

CFN	Description - Veriset Medtronic	Pack Siz
HP0204E	Veriset [™] 2cm x 4cm hemostatic patch	6
HP0505E	Veriset [™] 5cm x 5cm hemostatic patch	6
HP0510E	Veriset [™] 5cm x 10cm hemostatic patch	6
HP0204E1	Veriset [™] 2cm x 4cm hemostatic patch	1
HP0505E1	Veriset [™] 5cm x 5cm hemostatic patch	1
HP0510E1	Veriset [™] 5cm x 10cm hemostatic patch	1
HP0816E1	Veriset [™] 8cm x 16cm hemostatic patch	1
HP0204CVE	Veriset [™] 2cm x 4cm CV Template	6

References:

- 1.Öllinger, R, et al, A multicenter, randomized clinical trial comparing the Veriset[™] haemostatic patch with fibrin sealant for the management of bleeding during hepatic surgery, HPB (Oxford), 2012 Dec 27, doi: 10.1111/hpb.12009 [epub ahead of print].
- 2. Veriset[™] haemostatic patch Instructions For Use and Product Specifications (2014).
- 4. Shander, A, MD, Financial and clinical outcomes associated with surgical bleeding complications, Surgery 2007; 142: S20-S25. 5, Parikh, N, Hashemi, L, Morseon, M, Ally, A. Resource utilization and costs associated with peri-operative blood loss during liver surgeries - A retrospective
- data analysis in the United States, Covidien USA & Covidien UK, IHPBA 2012.
- 6. Fischer L, Seiler CM, Broelsch CE, de Hemptinne B, Klempnauer J, Mischinger HJ, Gassel HJ, Rokkjaer M, Schauer R, Larsen PN, Tetens V, Büchler MW. -lemostatic efficacy of TachoSil in liver resection compared with argon beam coagulator treatment: an open, randomized, prospective, multicenter parallel-group trial, Surgery, 2011, Jan: 149(1):48-55
- 7. Oz MC, Cosgrove DM 3rd, Badduke BR, Hill JD, Flannery MR, Palumbo R, Topic N. Controlled clinical trial of a novel hemostatic agent in cardiac surgery. The Fusion Matrix Study Group. Ann Thorac Surg. 2000 May;69(5):1376-82
- 8. Genyk Y, Kato T, Pomposelli JJ, Wright JK Jr, Sher LS, Tetens V, Chapman WC. Fibrin Sealant Patch (TachoSil) vs Oxidized Regenerated Cellulose Patch (Surgicel Original) for the Secondary Treatment of Local Bleeding in Patients Undergoing Hepatic Resection: A Randomized Controlled Trial. J Am Coll Surg. 2016 Mar;222(3):261-8. doi: 10.1016/j.jamcollsurg.2015.12.007. Epub 2015 Dec 18. PMID: 26776356.
- in expanded polytetrafluoroethylene grafts J. Vasc. Surg., 56 (2012), pp. 134-141- for Tisseel

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3. Preclinical study sponsored by Covidien in 2010 assessing CV and PV models on animals with inhibited platelet activity (heparin, aspirin, Plavix³¹¹)

9. S.P. Saha et al A prospective randomized study comparing fibrin sealant to manual compression for the treatment of anastomotic suture-hole bleeding

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Medtronic

Veriset[™] Hemostatic Patch

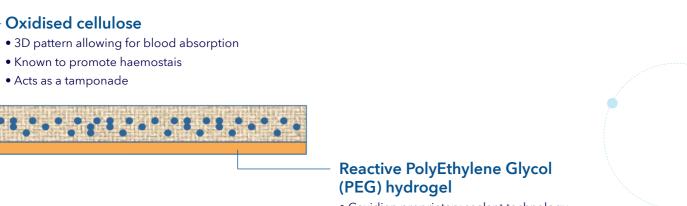
Fast, effective, and simple to use.^{1,2}

Designed to perform when you need it the most.



Increased Patient Safety²

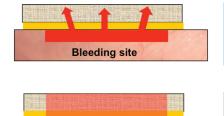
Unlike any other high-efficacy haemostat, Veriset[™] haemostatic patch is 100% free of human or animal components², eliminating the risk of viral transmission.



- Covidien proprietary sealant technology
- Effective barrier to blood flow
- Adheres the patch to the bleeding site

Universal use^{Ω} - effective in cases of inhibited coagulation and independent of clotting ability³

Placement



Pressure

Polymerisation

• The oxidised cellulose within the patch absorbs blood and initiates the coagulation process

• Polymer components cross-link to form an impenetrable barrier (hydrogel).²

Coagulation components concentrate and accelerate haemostasis

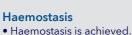
• Blood wicks into the patch. It becomes compliant.

• PEG side of the Veriset[™] haemostatic patch placed against the bleeding site.²









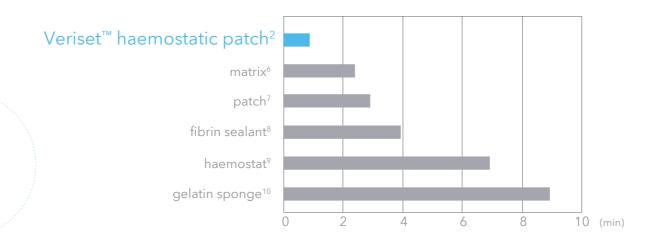
It then adheres to the bleeding site.

Absorption

• Veriset[™] haemostatic patch is fully absorbed in approximately 4 weeks.²

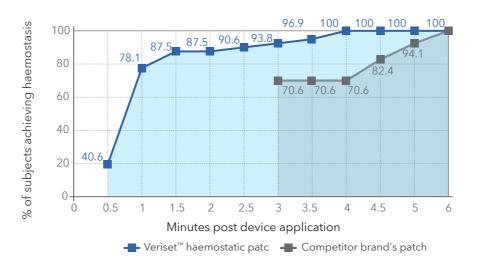
Clinical Performance¹

Fast and effective, allowing haemostasis in ~1 min^{†,1}



GRAPH 1: Median time for 75% of patients to achieve haemostasis with Veriset and competitive products.

66% faster than its nearest competitor brand's surgical patch¹



[†]Compared to other available haemostatic products studied in different anatomical locations. * According to competitor brand's* prescribing information

CHART 1: Percentage of patients reaching haemostasis in a multicentre randomised clinical trial for bleeding management in hepatic surgery (50 out of 101 randomised patients: Veriset[™] haemostatic patch n=32, competitor brand's patch n=18).

Ease of Use²

No special storage requirements guarantee easy access when needed²

Refer to IFU for full details.

Ready to use in both open and laparoscopic procedures with no preparation time²

Please refer to the Instructions For Use for complete indications and application instructions

Instructions for use in open procedures

- Open the foil pouch ensuring you use the Veriset patch within 60 minutes after opening. The patch should not be hydrated prior to placement.
- Place the darker side of Veriset haemostatic patch on the bleeding site, extending ~1-2 cm beyond the bleeding site (the patch may be cut as necessary for the desired application).
- Hold firmly in place to ensure proper adherence to the bleeding site. After 30 seconds, discontinue pressure and inspect the bleeding site.
- If bleeding has not stopped, reapply pressure and reassess after 30 seconds. If haemostasis is not obtained, additional patch(es) may be applied over the existing material or as replacement for the initial material applied.
- Non-hydrated portions of Veriset haemostatic patch can be removed by cutting along the edges or be adhered to the surface by hydrating with saline and applying pressure.
- Do not remove Veriset haemostatic patch at the end of surgery. The implant will absorb after approximately 28 days.

