



HEMOSTATIC AGENT BLEEDING INDICATIONS


HEMOBLAST™ Bellows is the only product indicated as an adjunct to hemostasis for minimal, mild, and moderate bleeding^{1-14*}

	No Descriptor of Bleeding Severity in Bleeding Indication ^{3,9-14}	Capillary, Venous, and Arteriolar Bleeding ^{1,2,4-8}	Minimal (Oozing) ^{1,7,8}	Mild (Pooling) ¹	Moderate (Flowing) ¹
					



Mechanical Hemostats[†]

ARISTA™ AH					
AVITENE™					
GELFOAM® POWDER					
SURGICEL® POWDER					
SURGIFOAM® POWDER					



Topical Thrombin[†]

RECOTHROM®					
THROMBIN-JMI®					



Flowables[‡]

FLOSEAL®					
SURGIFLO®					

Fibrin Sealants[‡]

TISSEEL®					
EVICEL®					

Fibrin Sealant Patches[‡]

EVARREST®					
TACHOSIL®					

*The complete HEMOBLAST™ Bellows indications statement is stated on the back.


†Products are indicated for adjunctive hemostasis of capillary, venous, small artery, and/or arteriolar bleeding.

‡Products are indicated for adjunctive hemostasis when control of bleeding by conventional methods is ineffective or impractical.

1. HEMOBLAST™ Bellows Hemostatic Agent [instructions for use]. Biom'up SA. 2. ARISTA AH Absorbable Hemostatic Particles Instructions for Use. CR Bard, Inc. 3. Avitene Microfibrillar Collagen Hemostat [instructions for use]. CR Bard, Inc. 4. Gelfoam Absorbable Gelatin Powder [instructions for use] Pharmacia and Upjohn Co. 5. <https://www.ethicon.com/na/products/adjunctive-hemostasis/absorbable-hemostats/surgicel-powder-absorbable-hemostat>. Accessed August 22, 2018. 6. SURGIFOAM Absorbable Gelatin Powder package insert. Somerville NJ; Ethicon Inc. 7. RECOTHROM [package insert]. Hazelwood, MO: Mallinckrodt Hospital Products Inc; 2016. 8. THROMBIN-JMI [prescribing information]. New York, NY; Pfizer Inc; 2018. 9. FLOSEAL Hemostatic Matrix [instructions for use]. Deerfield, IL: Baxter Healthcare. 10. SURGIFLO Hemostatic Matrix Kit [instructions for use]. Somerville, NJ; Ethicon Inc. 11. TISSEEL Fibrin Sealant [prescribing information]. Deerfield, IL: Baxter Healthcare. 12. EVICEL Fibrin Sealant [prescribing information]. Somerville NJ; Ethicon Inc. 13. EVARREST Fibrin Sealant Patch [prescribing information]. Somerville, NJ; Ethicon Inc. 14. TachoSil Fibrin Sealant Patch [prescribing information]. Takeda AS. 15. Spotnitz, WD; Zielske, D; Centis, V; et al. The SPOT GRADE: A New Method for Reproducibly Quantifying Surgical Wound Bleeding. Spine. 2018;43(11):E664-E671



HEMOSTATIC AGENT INDICATIONS

	Indications
	HEMOBLAST™ Bellows is indicated in surgical procedures as an adjunct to hemostasis when control of minimal, mild, and moderate bleeding by conventional procedures is ineffective or impractical, except in neurosurgical, ophthalmic, and urological procedures.
Mechanical Hemostats	
ARISTA™ AH	ARISTA™ AH is indicated in surgical procedures (except neurological and ophthalmic) as an adjunctive hemostatic device to assist when control of capillary, venous, and arteriolar bleeding by pressure, ligature, and other conventional procedures is ineffective or impractical.
AVITENE™	AVITENE™ (MCH) is used in surgical procedures as an adjunct to hemostasis when control of bleeding by ligature or conventional procedures is ineffective or impractical.
GELFOAM® POWDER	GELFOAM® Sterile Powder, saturated with sterile sodium chloride solution, is indicated in surgical procedures, including those involving cancellous bone bleeding, as a hemostatic device, when control of capillary venous, and arteriolar bleeding by pressure, ligature, and other conventional procedures is either ineffective or impractical. Although not necessary, GELFOAM® can be used either with or without thrombin to obtain hemostasis.
SURGICEL® POWDER	SURGICEL® Powder (oxidized regenerated cellulose) is used adjunctively in surgical procedures to assist in the control of capillary, venous, and small arterial hemorrhage when ligation or other conventional methods of control are impractical or ineffective.
SURGIFOAM® POWDER	SURGIFOAM® Powder saturated with sterile sodium chloride solution, is indicated for surgical procedures (except ophthalmic) for hemostasis, when control of capillary, venous and arteriolar bleeding by pressure, ligature and other conventional procedures is ineffective or impractical. Although not necessary, SURGIFOAM® Powder can be used with thrombin to achieve hemostasis.
Topical Thrombin	
RECOTHROM	RECOTHROM, Thrombin topical (Recombinant), is a topical thrombin indicated to aid hemostasis whenever oozing blood and minor bleeding from capillaries and small venules is accessible and control of bleeding by standard surgical techniques (such as suture, ligature, or cautery) is ineffective or impractical in adults and pediatric populations greater than or equal to one month of age.
THROMBIN-JMI®	THROMBIN-JMI® is indicated as an aid to hemostasis whenever oozing blood and minor bleeding from capillaries and small venules is accessible.
Flowables	
FLOSEAL®	FLOSEAL® Matrix is indicated in surgical procedures (other than in ophthalmic) as an adjunct to hemostasis when control of bleeding by ligature or conventional procedures is ineffective or impractical.
SURGIFLO®	SURGIFLO® Hemostatic Matrix, mixed with sterile saline or thrombin solution, is indicated in surgical procedures (other than ophthalmic) as an adjunct to hemostasis when control of bleeding by ligature or other conventional methods is ineffective or impractical.
Fibrin Sealants	
TISSEEL®	Hemostasis: TISSEEL® is a fibrin sealant indicated for use as an adjunct to hemostasis in adult and pediatric patients (>1 month of age) undergoing surgery when control of bleeding by conventional surgical techniques (such as suture, ligature, and cautery) is ineffective or impractical. TISSEEL® is effective in heparinized patients. Sealing: TISSEEL® is a fibrin sealant indicated as an adjunct to standard surgical techniques (such as suture and ligature) to prevent leakage from colonic anastomoses following the reversal of temporary colostomies.
EVICEL®	EVICEL® is a fibrin sealant (human) indicated as an adjunct to hemostasis for use in patients undergoing surgery, when control of bleeding by standard surgical techniques (such as suture, ligature or cautery) is ineffective or impractical.
Fibrin Sealant Patches	
EVARREST®	EVARREST® is a fibrin sealant patch indicated for use with manual compression as an adjunct to hemostasis in adult patients undergoing surgery, when control of bleeding by conventional surgical techniques (such as suture, ligature, and cautery) is ineffective or impractical. Limitations for Use: Cannot be used in place of sutures or other forms of mechanical ligation in the treatment of major arterial or venous bleeding. Not for use in children under one month of age. Not for use in laparoscopic and other minimally invasive surgeries where manual compression would be difficult to achieve.
TACHOSIL®	TACHOSIL®: Indicated for use with manual compression in adult and pediatric patients as an adjunct to hemostasis in cardiovascular and hepatic surgery when control of bleeding by standard surgical techniques (such as suture, ligature or cautery) is ineffective or impractical. Not for use in place of sutures or other forms of mechanical ligation in treatment of major arterial or venous bleeding. Not for use in children under one month of age.

This material is intended for Health Care Professionals in the US.

Caution: Federal law restricts this device to sale on or by the order of a physician. The trademark of HEMOBLAST™ Bellows is the property of Biom'up. Please refer to the Instructions for Use for further information such as indications, contraindications, warnings, precautions, and directions for use. The trademarks of the products listed herein are trademarks of their respective manufacturer. Please refer to the Instructions for Use accompanying each device for further information.

E-MKT-048-V1