



Traumastem
Oxidised Cellulose

The Choice is Yours



TRAUMASTEM Knitted



TRAUMASTEM Non Woven



TRAUMASTEM Fibrillar

Introducing the complete product range
of TRAUMASTEM providing you alternative
choices for your oxidised cellulose needs.

Baxter



Traumastem

Oxidised Cellulose

NOW AVAILABLE! The TRAUMASTEM family of options, providing a complete solution to your oxidised cellulose needs.

PRODUCT DESCRIPTION

TRAUMASTEM is Oxidised Non-Regenerated Cellulose (ONRC)^{1,2}.



TRAUMASTEM Knitted


- Knitted yarn mesh, hemostatic reticulum¹



TRAUMASTEM Non Woven

Dense compact layer for application needs²

- Single layered, nonwoven fabric (densely knitted cotton fleece)



TRAUMASTEM Fibrillar

Easy separation of multiple layers for application needs²

- Multiple layered, nonwoven fabric (densely knitted cotton fleece)

PRODUCT INDICATION

TRAUMASTEM is used as an adjunct to stop capillary, venous, small arterial bleeding as well as in the prevention of bleeding in the early post-operative stage.^{1,2}

ABSORPTION TIME

TRAUMASTEM is a traumatic and fully biodegradeable within 8 days depending on wound characteristics.^{1,2}

STORAGE REQUIREMENTS

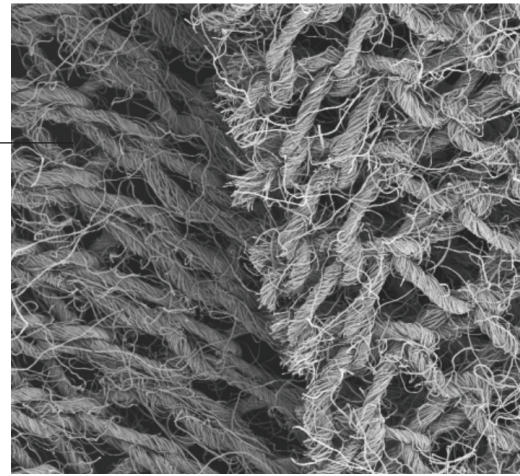
Store in original packaging, in a dry place at temperatures ranging from 2 to 30 °C.^{1,2}

SHELF LIFE

TRAUMASTEM has a shelf life of 36 months.^{1,2}

PRODUCT CHARACTERISTICS

- Resorbable hemostatic fabric manufactured from 100% pure cotton made of oxidised cotton cellulose^{1,2}
- **TRAUMASTEM's** fibers are frayed and unorganized which increases surface area and absorbability³
- **TRAUMASTEM demonstrated equivalent bactericidal properties, superior time to hemostasis and superior hemostatic success relativ to SURGICEL³** [as demonstrated in an animal model]
 - Time to hemostasis–
TRAUMASTEM 3.5 minutes, Surgicel 6.4 minutes³
 - Hemostatic success at 90 seconds–
TRAUMASTEM 97.5% , Surgicel 70.0%³



MECHANISM OF ACTION

TRAUMASTEM's high absorption and greater surface area contribute to hemostatic effectiveness.^{1,2,3}

Oxidation process of cellulose produces low pH (pH 2.7 to 3.5)^{1,3}

- Generates local hemostyptic action³
- Secondary platelet activation to form platelet plug³
- Low pH results in antimicrobial activity (conditions under which most bacteria cannot survive)^{1,2,3}

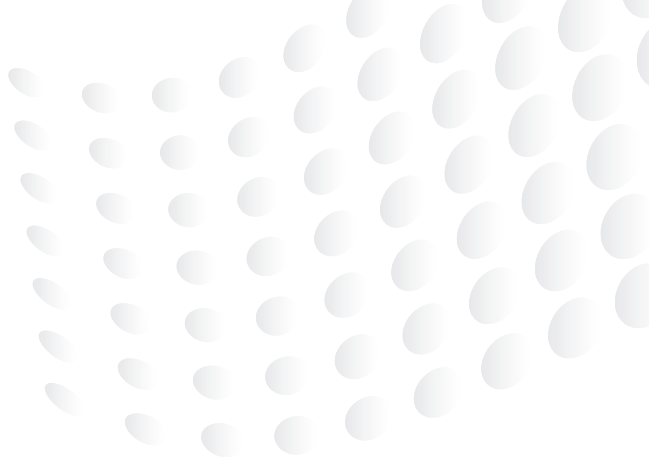
Once in contact with blood, **TRAUMASTEM** transforms into an adhesive gel which protects platelets from being washed out from the wound, thus stopping bleeding faster.^{1,2}

Fully biodegradable in the body within 8 days. Absorption is dependent on the amount of product used, degree of blood saturation and the tissue bed.^{1,2}



Traumastem

Oxidised Cellulose



TRAUMASTEM Knitted 10 each per box

Size	Product Code
1.5 X 5 cm	0600135
7.5 x 5 cm	0600136
35 x 5 cm	0600139
20 x 10 cm	0600138



TRAUMASTEM Non Woven 10 each per box

Size	Product Code
2.5 X 5 cm	0600143
5 x 10 cm	0600144
10 x 10 cm	0600145



TRAUMASTEM Fibrillar 10 each per box

Size	Product Code
2.5 X 5 cm	0600140
5 x 10 cm	0600141
10 x 10 cm	0600142

References:

1. TRAUMASTEM Oxidised Cellulose Sterile resorbable haemostatic reticulum IFU M000146 02/2014. 2. TRAUMASTEM IFU FAM M000248 06/2014. 3. Lewis et al Comparison of regenerated and non-regenerated oxidized cellulose hemostatic agents. Eur Surg. 2013.

For detailed information please see instructions for use

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