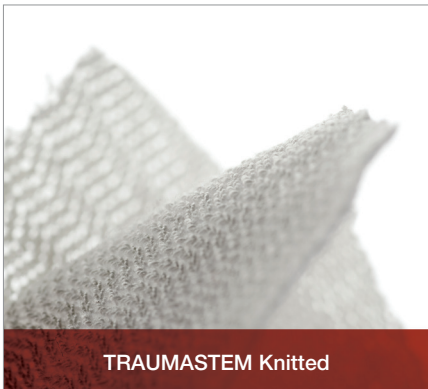




**Traumastem**  
*Oxidised Cellulose*

# 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

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

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## PRODUCT DESCRIPTION

TRAUMASTEM is Oxidised Non-Regenerated Cellulose (ONRC)<sup>1,2</sup>.



TRAUMASTEM Knitted

- Knitted yarn mesh, hemostatic reticulum<sup>1</sup>



TRAUMASTEM Non Woven

**Dense compact layer for application needs<sup>2</sup>**

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



TRAUMASTEM Fibrillar

**Easy separation of multiple layers for application needs<sup>2</sup>**

- 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.<sup>1,2</sup>

## ABSORPTION TIME

TRAUMASTEM is a traumatic and fully biodegradable within 8 days depending on wound characteristics.<sup>1,2</sup>

## STORAGE REQUIREMENTS

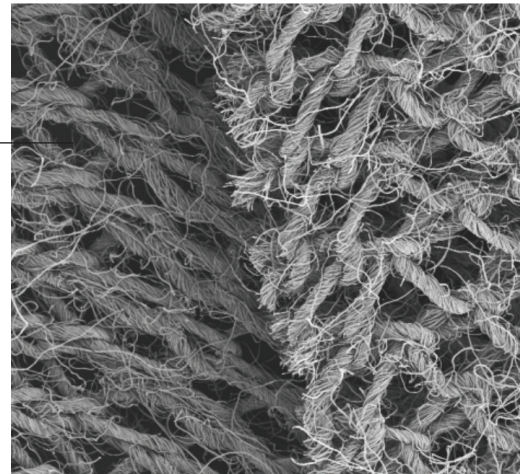
Store in original packaging, in a dry place at temperatures ranging from 2 to 30 °C.<sup>1,2</sup>

## SHELF LIFE

TRAUMASTEM has a shelf life of 36 months.<sup>1,2</sup>

## PRODUCT CHARACTERISTICS

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



## MECHANISM OF ACTION

**TRAUMASTEM**'s high absorption and greater surface area contribute to hemostatic effectiveness.<sup>1,2,3</sup>

Oxidation process of cellulose produces low pH (pH 2.7 to 3.5)<sup>1,3</sup>

- Generates local hemostyptic action<sup>3</sup>
- Secondary platelet activation to form platelet plug<sup>3</sup>
- Low pH results in antimicrobial activity (conditions under which most bacteria cannot survive)<sup>1,2,3</sup>

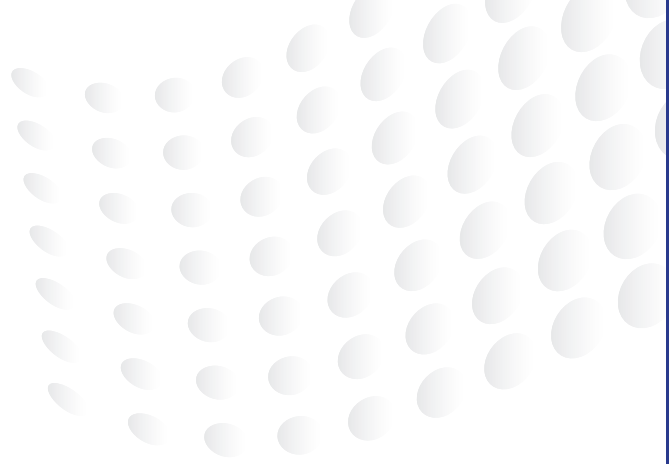
Once in contact with blood, **TRAUMASTEM** transforms into an adhesive gel which protects platelets from being washed out from the wound, thus stopping bleeding faster.<sup>1,2</sup>

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.<sup>1,2</sup>



# 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

## Baxter

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