

SAVING LIVES. The Foundation of HemCon.



Introducing a Flexible Hemostatic Gauze Dressing

ChitoGauze™

- Hemostatic chitosan impregnated gauze
- Controls severe bleeding fast
- Ideal for a variety of applications
- Gauze-like dressing, flexible and conformable to tissue surfaces
- Contains no pro-clotting agents
- No powders or granules
- Safe and efficacious
- Z-folded in sterile package for ease of application
- Intuitive application and removal
- Manufactured by a trusted medical device company with a proven track record
- Offers antibacterial properties



Built on a solid foundation, HemCon continues to make a difference by providing immediate control of bleeding and offering the best possible patient care when it is most needed.

ChitoGauze™ by HemCon

Ideal Solution ChitoGauze is a hemostatic dressing for the external, temporary control of severely bleeding wounds. ChitoGauze is a hemostatic gauze dressing that, when applied directly to the wound, controls bleeding caused by extreme trauma.

Mechanism of Action The highly flexible ChitoGauze dressing is easily applied to superficial as well as deep and narrow wounds. It readily conforms into wound surfaces with complex geometries to rapidly staunch the bleeding and seal the wound site. A unique characteristic of this dressing is its ability to localize clotting to the dressing surface thus mitigating the risk of emboli formation normally associated with use of dressings which achieve activity through inclusion of prothrombogenic agents.

Chitosan In vitro studies of chitosan and human blood component interactions indicate that chitosan is able to activate platelet binding and subsequent clot formation outside of the normal clotting cascade.*

*Studies conducted by Prof. John Whitelock University of New South Wales in conjunction with an Australian ARC Linkage Grant.

ChitoGauze™ 4in x 4yds (10cm x 3.7m) PN: 130



Instructions for Use:

1. Open foil pouch and remove ChitoGauze.
2. Identify the source of bleeding and pack dressing completely into wound track. Use enough ChitoGauze to fill the wound and contact all bleeding surfaces. More than one dressing may be required.
3. Apply pressure until bleeding is controlled.
4. Wrap and secure dressing on wound to maintain pressure.

ChitoGauze™ was tested for reduction of microorganisms against a wide range of microorganisms, including MRSA, VRE and A. baumannii. The log reduction data demonstrates the level of antibacterial effectiveness.

Microorganism	Gram Stain	Log Reduction
<i>Staphylococcus aureus</i> (MRSA) ATCC 33591	+	>4.1
<i>Staphylococcus aureus</i> (MRSA) ATCC BAA-1556	+	>4.2
<i>Staphylococcus epidermidis</i> ATCC 12228	+	>4.2
<i>Pseudomonas aeruginosa</i> ATCC 9027	-	>4.1
<i>Enterococcus faecalis</i> (VRE) ATCC 51299	+	>4.0
<i>Acinetobacter baumannii</i> ATCC 15308	-	>4.4
<i>Citrobacter freundii</i> ATCC 8090	-	>4.3
<i>Enterobacter cloacae</i> ATCC 13047	-	>4.1
<i>Streptococcus mutans</i> ATCC 25175	+	>4.0
<i>Streptococcus pneumoniae</i> ATCC 10015	+	>5.1
<i>Escherichia coli</i> ATCC 8739	-	>4.1
<i>Klebsiella pneumoniae</i> ATCC 4352	-	>4.0
<i>Streptococcus pyogenes</i> ATCC 19615	+	>4.2
<i>Salmonella choleraesuis</i> ATCC 10708	-	>4.1
<i>Stenotrophomonas maltophilia</i> ATCC 12714	-	>4.0
<i>Citrobacter koseri</i> ATCC 25408	-	>4.1
<i>Proteus mirabilis</i> ATCC 4630	-	>4.2
<i>Proteus vulgaris</i> ATCC 12454	-	>4.3
<i>Moraxella catarrhalis</i> ATCC 8193	-	>4.1
<i>Clostridium difficile</i> ATCC 9689	+	>4.0
<i>Shigella species</i> ATCC 11126	-	>4.0
<i>Micrococcus luteus</i> ATCC 49732	+	>4.0
<i>Vibrio cholerae</i> ATCC 11558	-	>4.1
<i>Enterobacter aerogenes</i> ATCC 13048	-	4.8
<i>Enterococcus faecalis</i> (VRE) ATCC 700802	+	2.6
<i>Serratia marcescens</i> ATCC 13880	-	5.0

The clinical utility of these results is unknown.

HemCon Medical Technologies, Inc. originally developed hemorrhage control bandages for use on the battlefield, providing rapid control of moderate to severe external (arterial) hemorrhaging, as well as providing an antibacterial properties, that may help prevent infection.

Years of battlefield presence have proven the HemCon® Bandages effective, and the real-time benefits of these revolutionary bandages have helped save hundreds of lives, and therefore remain a top choice hemostat for the military worldwide.



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