

THE NEXT GENERATION **WOUND CARE** DRESSING

Maximum Comfort
Symptomatic Pain Relief
Active Wound Healing
and more...



100% CHITOSAN
MICROFIBRE DRESSING

MaxioCelTM
Maximum Comfort • Faster Healing

MaxioCel is a highly absorbent antimicrobial dressing with pain reduction and scar improvement properties. It can be used for moderate to heavily exuding wounds of varied depth, shape and size.

Exudate Management

Inherent cationic property of Chitosan leads to lock-in of wound exudate forming a cohesive gel matrix and micro contouring the wound leaving no dead space for microorganisms to grow.

Pain Management

Symptomatic relief at wound site by interaction with Bradykinin, in turn inhibiting the PLA-2 activity, blocking the Arachidonic pathway and thus release of proinflammatory mediators.

Haemostasis

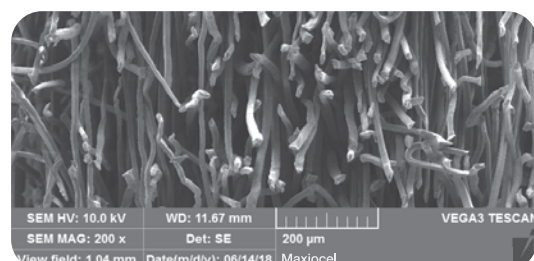
Charge based adhesion, plasma sorption, platelet aggregation and activation of related pathways which will help in controlling capillary bleeds at wound site.

MaxioCel[™]
100% CHITOSAN WOUND DRESSING

Easy to Apply & Remove

Composition

Non-woven microfibre dressing made up of 100% Chitosan, a natural biopolymer extracted from shellfish.



Antimicrobial effect

Positively charged molecules of Chitosan bind to negatively charged microbial cell membranes, leading to cellular leakages and structural degeneration of the microorganisms.

Stimulation of Wound healing

Wounds treated with Chitosan microfibre dressing show polymorphonuclear cell activation, fibroblast activation, cytokine production, giant cell migration and synthesis of Type IV collagen, all leading to wound healing at faster rates. It also attracts RBCs and Platelets to the wound surface promoting angiogenesis and neovascularization.

Scar improvement

Collagen produced in presence of Chitosan is in form of fine reticular fibrils rather than mature bands of dense collagen which leads to scarring.

Change the dressing before it reaches its maximum absorption capacity or when exudate can be seen up to 0.5cm from the margins.

INDICATIONS



Pressure Ulcer



Laceration



Diabetic Foot Ulcer



Cavity Wound



Venous Leg Ulcer



Donor Site

- Pressure sores • Venous ulcers • Diabetic ulcers • Leg ulcers
- Donor sites • Haemostasis post debridement
- Skin abrasions • Superficial and partial thickness burns
- Surgical wounds (e.g. post-operative, wounds left to heal by secondary intent)

CONTRAINDICATIONS

- Surgical implantation • To control heavy bleeding
- Individuals who are sensitive to or who have had allergy to shellfish

HOW TO USE



1 Always use aseptic techniques when dressing a wound



2 Irrigate and clean the wound site



3 Peel open MaxioCel pouch and Cut, fold or layer the dressing to fit the wound



4 Cover and secure with an appropriate secondary dressing



5 To remove, irrigate with saline or water and gently peel off



6 Remove slowly and discard dressing



While using MaxioCel ribbon dressing in deep cavity wounds, insert the ribbon in one piece and leave at least 2.5cm outside the wound for ease of removal. (Do not pack wounds tightly as MaxioCel will expand on gelling)



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Ordering Information

Item #	Description	Packaging
MX1010	MaxioCel wound dressing, 10cmx10cm	Box of 10
MX0510	MaxioCel wound dressing, 5cmx10cm	Box of 10
MX2530	MaxioCel ribbon dressing, 2.5cmx30cm	Box of 10
MX1515	MaxioCel wound dressing, 15cmx15cm	Box of 10
MX2030	MaxioCel wound dressing, 20cmx30cm	Box of 5
MX4545	MaxioCel wound dressing, 45cmx45cm	Box of 3



Shelf Life - 3 Years

MX-PB-Rev01

www.maxiocel.com

Axio® is a leading ISO 13485 certified medical device manufacturer and World leader in Chitosan technology
Makers of **axiostat**®, India's first USFDA approved Haemostat