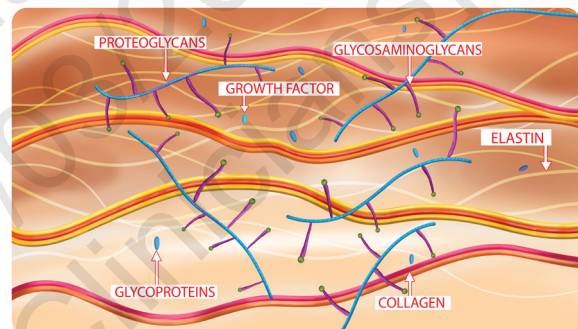
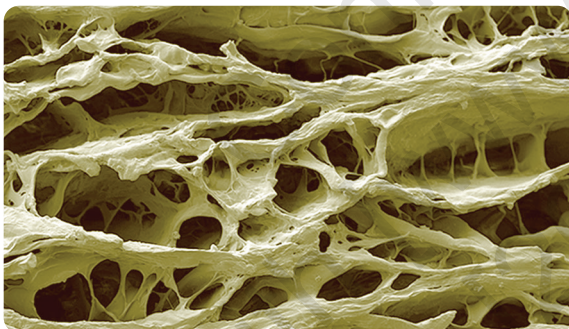


CholeDerm[®]



Acellular Dermal Matrix



Natural Extra Cellular Matrix (ECM)

With 154 biomolecules supporting all phases of wound healing



Faster Healing, Better Living

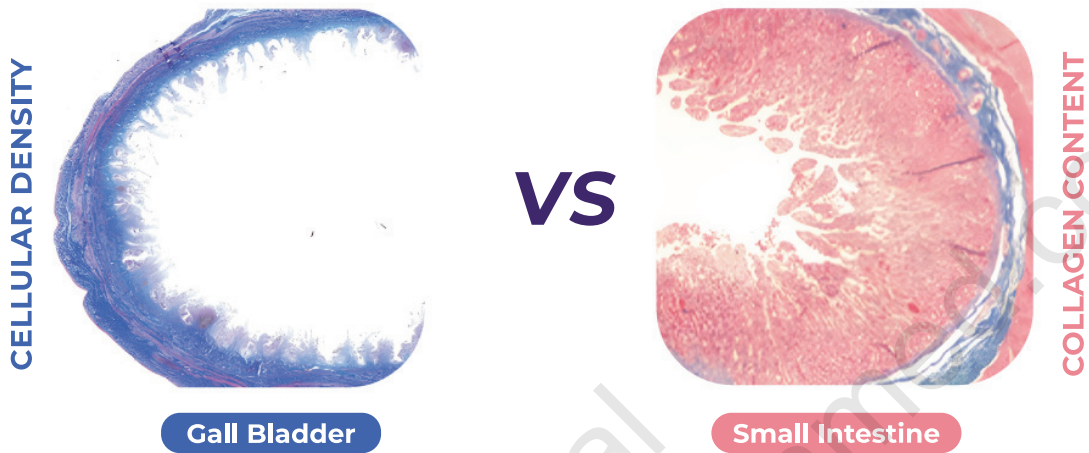
Experience the power of CholeDerm[®], designed to provide superior tissue-engineered structural support, promote dynamic cell communication & accelerate wound healing.

- » CholeDerm[®] provide an Intact extracellular matrix
- » CholeDerm[®] include 154 Biomolecules essential for healing
- » CholeDerm[®] create a Moist wound environment
- » CholeDerm[®] reduce Protease activity in wounds
- » CholeDerm[®] Immunomodulation balances Inflammation
- » CholeDerm[®] induce Granulation & Enhanced angiogenesis
- » CholeDerm[®] promote Organized, efficient re-epithelialization

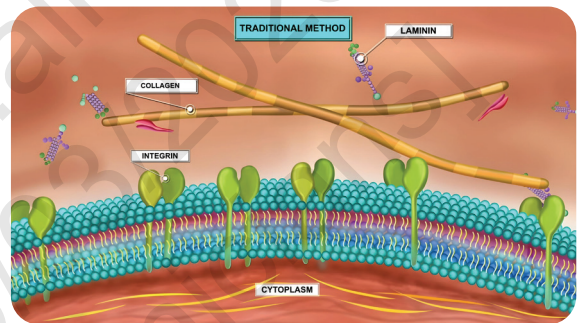
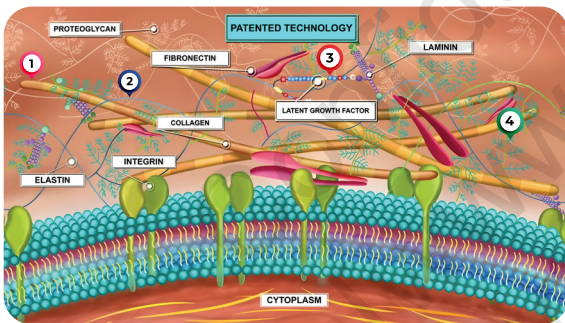
Preserving Biomolecules With Gall Bladder ECM

CholeDerm® ECM from the gall bladder is naturally less cellular and requires minimum decellularization, preserving more biomolecules compared to highly cellular ECM from another organ, which requires extensive decellularization.

TISSUE COMPOSITION REVEALED



“Preserving the Power: How Our Pristine™ Process Retains Essential Biomolecules for Superior Wound Healing”



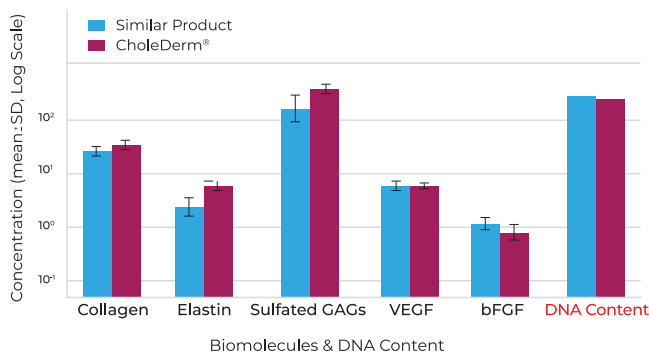
Non-Enzymatic Non-Detergent Method

Enzymatic Detergent Method

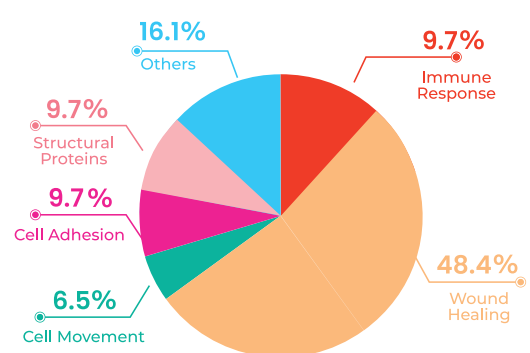
- 1 Collagen**
Boost Healing with Nature's Framework
- 2 Elastin**
Restore Elasticity, Restore Strength
- 3 Growth Factors**
Accelerate Healing at the Cellular Level
- 4 Glycosamino glycan (GAGs)**
Harness the Power of Hydration

In addition to these key biomolecules, CholeDerm®, as an intact ECM, offers a multitude of other essential proteins, enhancing its wound healing potential.

Impact of Processing Methods on ECM Biomolecule^{1,4} Preservation and DNA Content in CholeDerm®



Impact of Processing Methods on ECM



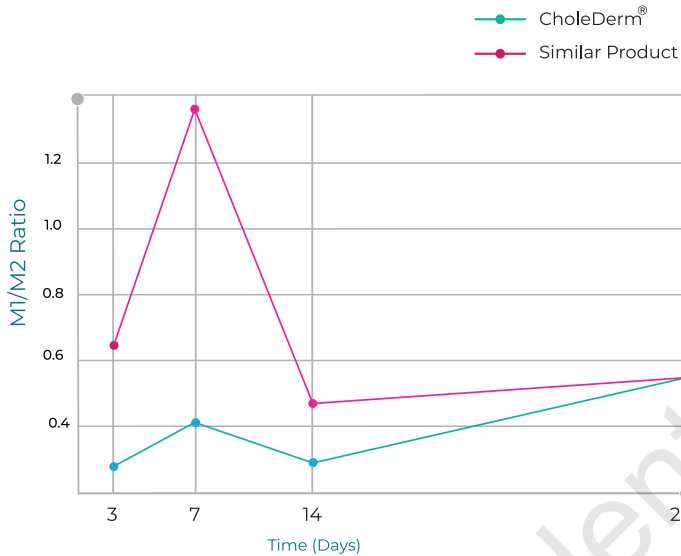
CholeDerm® Composition

Impact of CholeDerm® on Wound Healing^(2,3)

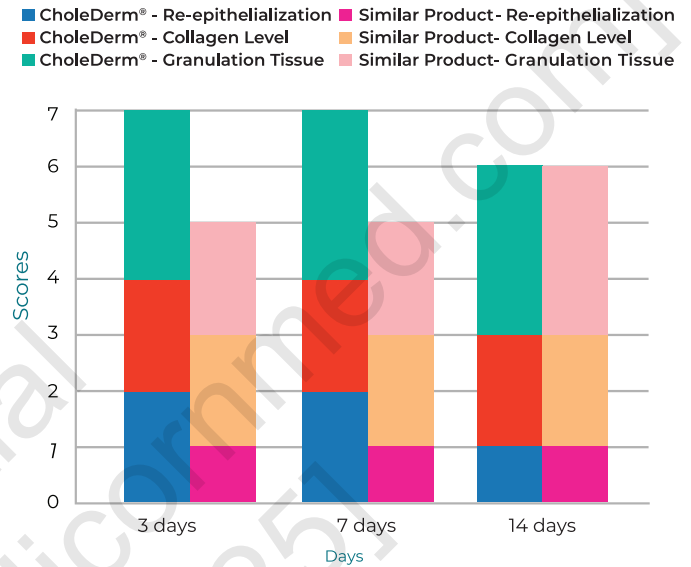
Favorable Immunomodulation: Inducing Balanced, Constructive Tissue Remodeling

Early Enhanced Wound Healing: Higher Collagen Deposition, Granulation, and Re-epithelialization Promote Faster Recovery

M1/M2 Ratio Over Time



CholeDerm® vs Similar Product



CholeDerm® – ExtracellularMatrix

Application and Management Guide

1 Prepare



Debride the wound bed thoroughly

2 Apply CholeDerm®



Directly onto the wound, secure with adhesive tape, sutures or staples.

3 Hydrate



Thoroughly hydrate CholeDerm® with sterile saline.

4 Protect



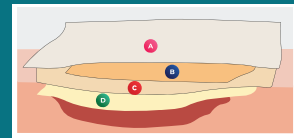
with a porous non adherent dressing

5 Control Exudates



With the appropriate secondary dressing.

5 Layering Configuration



A Cover dressing B Moisture-control layer
C Non-adherent dressing
D CholeDerm® (hydrated with saline)

6 Educate



Patient not to disturb the non-adherent dressing and underlying CholeDerm®

7 Assess



Partially incorporated CholeDerm® forms a yellowish gel, often mistaken for slough; avoid removing it.

8 Reapply



If not fully epithelialised, over areas with no remaining product.

Please consult the product's Instructions for Use (IFU) prior to use for detailed product information, including indications for use, contraindications, precautions, and step-by-step application instructions.

Mechanism of Action

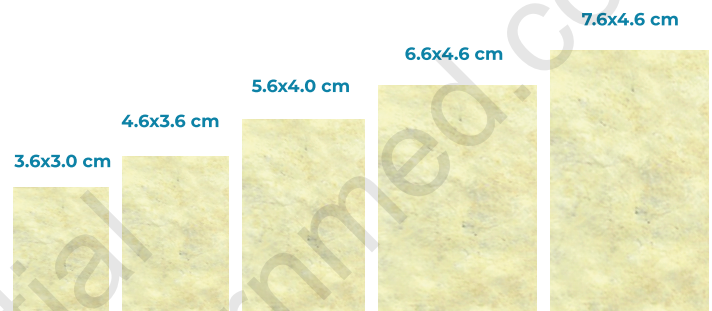
Scan the QR Code to access a detailed video



CholeDerm®

Ordering Information

CholeDerm® - Acellular Dermal Matrix - unmeshed		
Model No:	Product Size	Quantity/Box
CD-P7646-5S	7.6x4.6 cm	5
CD-P6646-5S	6.6x4.6 cm	5
CD-P5640-5S	5.6x4.0 cm	5
CD-P4636-5S	4.6x3.6 cm	5
CD-P3630-5S	3.6x3.0 cm	5



Indications for Use:

CholeDerm® is indicated for the management of wounds, including, Partial and full-thickness wounds, Pressure ulcers, Venous ulcers, Diabetic ulcers, Chronic vascular ulcers, Tunnelled / undetermined wounds, Draining wounds, Surgical wounds (Donor sites / grafts, Post-Moh's surgery, Post-laser surgery, Podiatric surgery, Wound dehiscence), Traumatic wounds (Abrasions, Lacerations, First and second-degree burns, Skin tears).

- » By prescription only. Before using this product, carefully review the full instructions provided in the package insert.
- » For product-related inquiries, sample requests, or detailed clinical information regarding CholeDerm, please contact us +91 9656 040 156 | +91 9495 523 124 | email info@alicornmed.com.
- » For more information, visit www.alicornmed.com
- » CholeDerm® & ChitraDesign® are registered trademarks of Alicorn Medical Private Limited.

📍 Manufacturing Facility

Alicorn Medical Pvt. Ltd.

An ISO 13485:2016 Quality Management System Certified by ZQAPL

Under the technical guidance and incubation support of SCTIMST-TIMED, Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Poojappura, Thiruvananthapuram - 695012 Kerala, India.

📍 Reg. Office

13/13/1239 Vittiyaam, Peyad P.O. Thiruvananthapuram, Kerala, India, Pin:695573

☎ **+91 47 12 10 31 24**

1. Thapasimuthu V. Anilkumar et al. Biomaterial properties of cholecyst-derived scaffold recovered by a non-detergent/enzymatic method. Journal of Biomedical Materials Research Part B: Applied Biomaterials. 2014. DOI: 10.1002/jbm.b.33131.
2. Deepa Revi et al. Porcine cholecyst-derived scaffold promotes full-thickness wound healing in rabbit. Journal of Tissue Engineering. 2013. DOI: 10.1177/2041731413518060.
3. Jaseer Muhamed et al. Comparative local immunogenic potential of scaffolds prepared from porcine cholecyst, jejunum, and urinary bladder in rat subcutaneous model. Journal of Biomedical Materials Research Part B: Applied Biomaterials. 2014. DOI: 10.1002/jbm.b.33296.
4. Jaseer Muhamed et al. Comparative profiling of extractable proteins in extracellular matrices of porcine cholecyst and jejunum intended for preparation of tissue engineering scaffolds. Journal of Biomedical Materials Research Part B: Applied Biomaterials. 2015. DOI: 10.1002/jbm.b.33567.