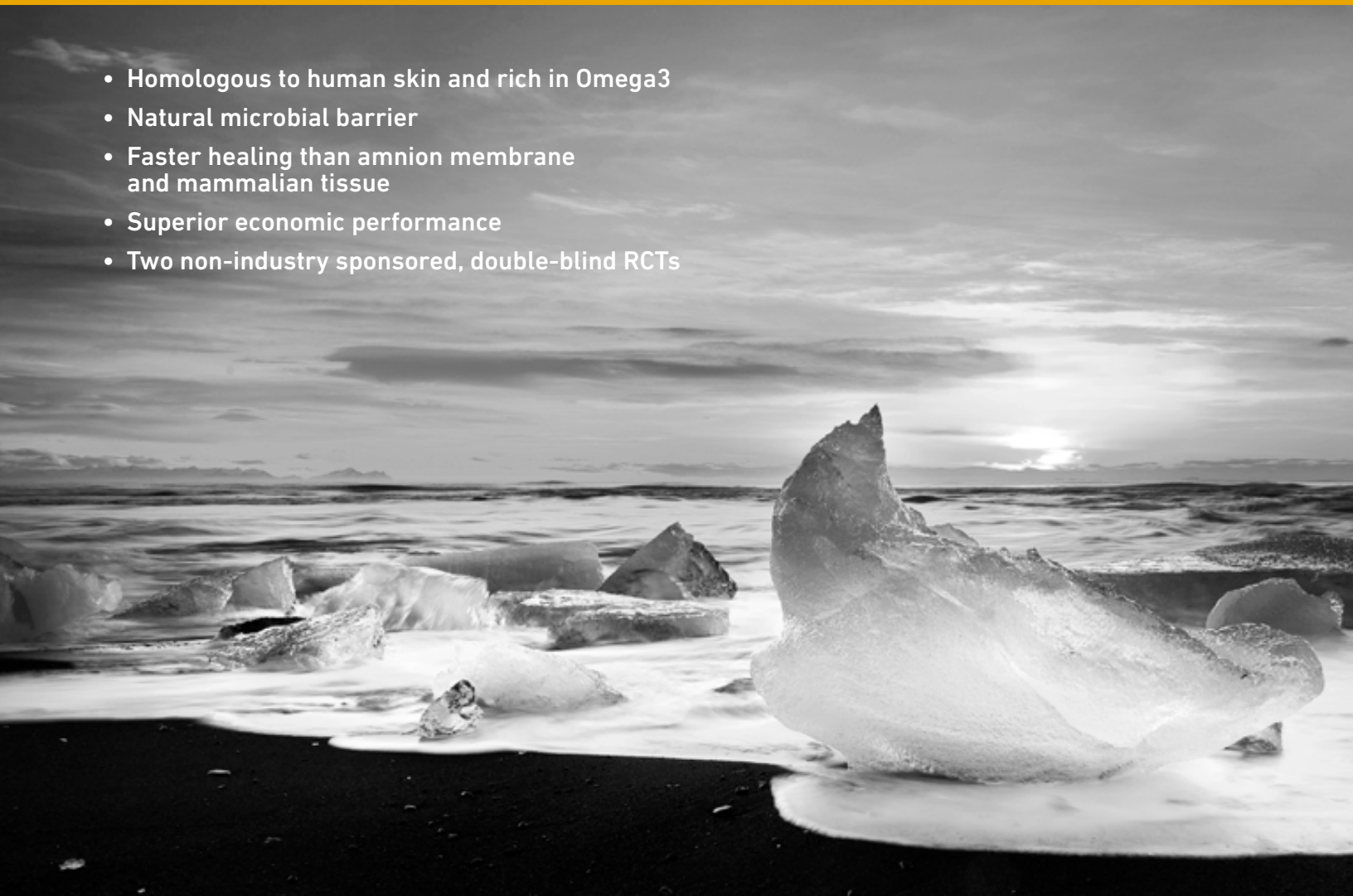


**KERECIS**

# Kerecis<sup>®</sup> Omega3 Wound

Intact fish skin grafts for tissue regeneration

- Homologous to human skin and rich in Omega3
- Natural microbial barrier
- Faster healing than amnion membrane and mammalian tissue
- Superior economic performance
- Two non-industry sponsored, double-blind RCTs



# What is Kerecis® Omega3 Wound?

**Kerecis® Omega3 Wound** is intact Icelandic fish skin, which is naturally similar in structure to human skin and used for tissue regeneration.

Because there is no risk of disease transfer from Icelandic cod, the fish skin is processed gently, maintaining its natural structure and elements.

When grafted onto damaged human tissue such as a burn or a diabetic wound, the fish skin recruits the body's own cells, ultimately regenerating the tissue.

## Identical to human skin



Scanned electron microscopy images of human skin (left) and Kerecis® Omega3 Wound (right) show the structural similarities between the skin types.

Human skin	Intact fish skin	Processed mammalian tissue
Collagens	✓	✓
Elastin	✓	✗
Laminin	✓	✗
Fibronectin	✓	✗
Proteoglycans	✓	✗
Glycosaminoglycans	✓	✗
Lipids	✓	✗
No Omega3	Includes Omega3	✗

## Easy to apply

The **Kerecis® Omega3 Wound** is easy to apply. Ensure the wound has been properly debrided. Remove the intact fish skin graft from the packaging, cut the material so that it fits into the wound without overlapping the wound edges.

Hydrate with a saline solution (NaCl) for 60 seconds and apply to the wound. Apply a dressing on top of the product and ensure that the wound bed and the graft are always moist.

Reapply if needed. Do not remove the partly absorbed graft from the wound. If the cover dressing is changed more frequently, leave the Kerecis® Omega3 Wound and contact layer intact.



### Cleaning and debridement:

Before applying the product into the wound carefully clean the wound and debride.



### Fit the sheet to the wound:

Cut the Kerecis® Omega3 Wound graft to size. Apply directly into the wound.



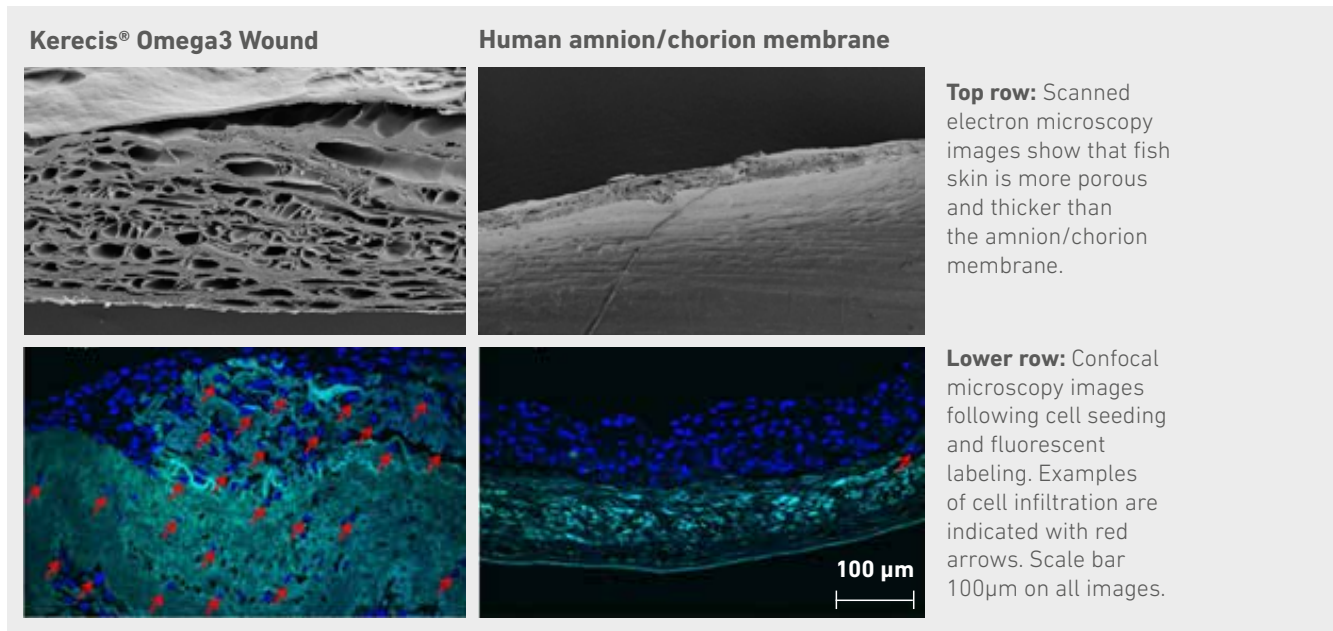
### Apply dressing:

Cover the Kerecis® Omega3 Wound with non-adhering dressing.

## Early cellular ingrowth

The **Kerecis® Omega3 Wound** intact fish skin graft facilitates significantly more three dimensional cellular ingrowth than occurs in amnion/chorion tissue. The acellular fish skin is thicker and the microstructure more porous, compared to mammalian matrixes and human amnion/chorion membranes. The unique biomechanical properties of the fish skin and the size of

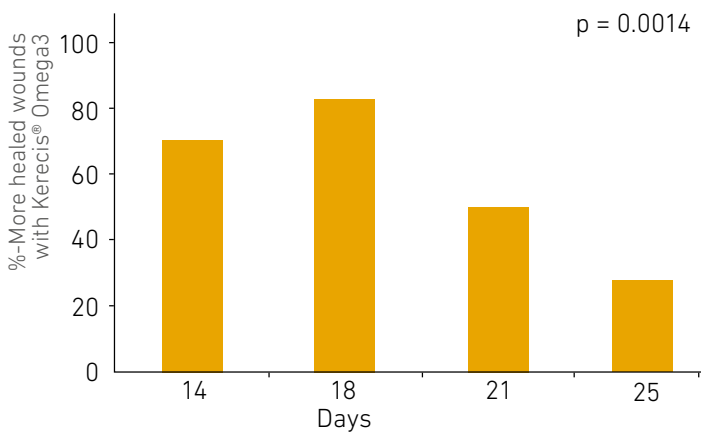
its pores facilitate cell ingrowth, a critical step for tissue regeneration. In-vitro tests of the acellular fish skin shows significantly more ( $p < 0.0001$ ) three-dimensional cell ingrowth than human amnion/chorion membranes. The porosity of the fish skin and natural Omega3 content are likely to play a key role in the fish skin's regenerative properties.



## Proven results

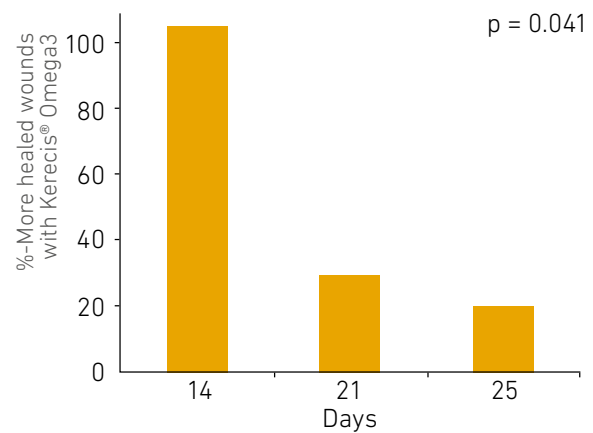
Superior clinical and economic performance compared to pig tissue and amniotic membrane.

Double-blind RCT: **Kerecis® Omega3 Wound** vs Epifix



The percentage of more healed wounds with fish skin than with amniotic membrane on each day. The fish skin group healed significantly faster with a hazard ratio of 2.37 (95% CI: 1.75-3.22) at a p-value of 0.0014 over dHACM. Wound healing was faster in the fish skin treated group at all timepoints: day 14 - 68%, day 18 - 83%, day 21 - 50%, day 25 - 26%, day 28 - 10%.

Double-blind RCT: **Kerecis® Omega3 Wound** vs Oasis



A double blind, comparative, randomized, clinical trial on 162 full thickness wounds. Results of the trial showed that wound healing was significantly faster with **Kerecis® Omega3 Wound**, compared to a mammalian matrix product ( $p = 0.041$ ). At day 14, 105% more wounds had healed compared to the matrix product.

# What is Kerecis® Omega3 Wound?

**Kerecis Omega3 Wound** is intact Icelandic fish skin that is identical to human skin and is used for tissue regeneration. Because there is no risk of a viral or prion transfer from Icelandic cod to humans, the fish skin only needs gentle processing for medical use and maintains its natural structure and elements. The fish skin is a natural microbial barrier.

The superior clinical and economical performance of **Kerecis Omega3 Wound** has been demonstrated in two non-industry sponsored, double-blind, randomized clinical trials and in more than 50 other clinical studies.



## Indications for use

- Diabetic ulcers
- Chronic vascular ulcers
- Venous ulcers
- Pressure ulcers
- Draining wounds
- Trauma wounds: abrasions, lacerations, second-degree burns, skin tears
- Surgical wounds: donor sites/grafts, post-Mohs surgery, post-laser surgery, podiatric, wound dehiscence
- Partial and full-thickness wounds

## Ordering information

orders@kerecis.com

Item no	Description	Size	Qty
50200S16B2D	Kerecis® Omega3 Wound	Disk, 16mm diameter	10 pcs/box
50200S00B2D	Kerecis® Omega3 Wound	1.75 x 1.75 cm	10 pcs/box
50200S01B2D	Kerecis® Omega3 Wound	3 x 3.5 cm	10 pcs/box
50200F01B2D	Kerecis® Omega3 Wound Fenestrated	3 x 3.5 cm	10 pcs/box
50200S02B2D	Kerecis® Omega3 Wound	3 x 7 cm	10 pcs/box
50200F02B2D	Kerecis® Omega3 Wound Fenestrated	3 x 7 cm	10 pcs/box
50200F04B2D	Kerecis® Omega3 Wound Fenestrated	7 x 7 cm	10 pcs/box
50200S03B2D	Kerecis® Omega3 Wound	7 x 10 cm	10 pcs/box

Room temperature storage. 3 year shelf life.



**OUR VISION**  
To become the world leader in tissue regeneration by sustainably harnessing nature's own remedies

**KERECSIS REIMBURSEMENT HOTLINE**  
Phone: (844) KERECSIS | (844) 537-3247  
FAX: (844) 529-3247  
Email: reimbursement@kerecis.com

FDA cleared, US and international patents granted and pending.

**KERECSIS**  
2200 Clarendon Boulevard  
Suite 1400A  
Arlington, Virginia 22201  
Phone: (703) 287-8752  
Email: info@kerecis.com

www.kerecis.com