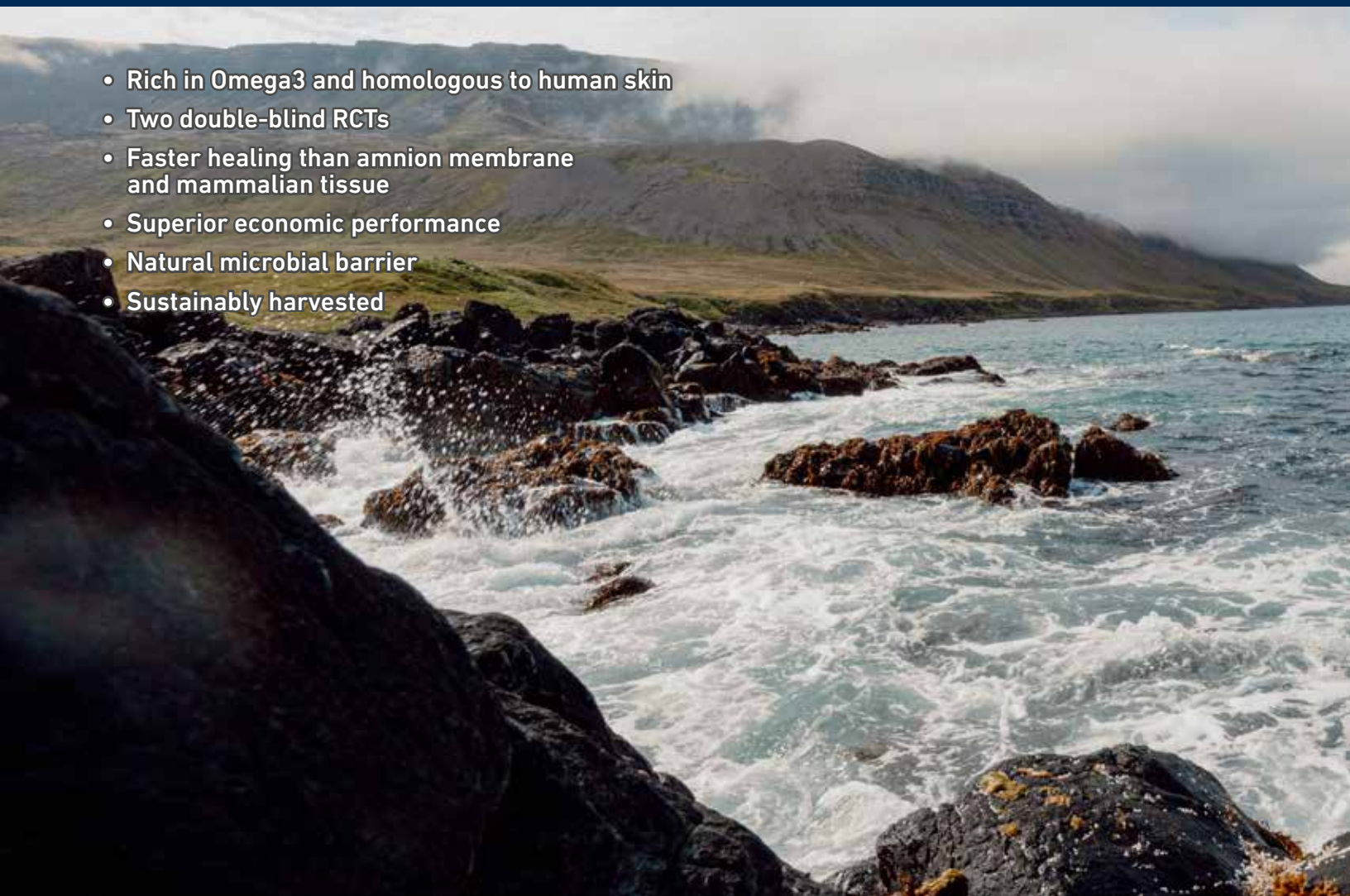


Kerecis® Omega3 Wound

Intact fish skin grafts for tissue regeneration

- Rich in Omega3 and homologous to human skin
- Two double-blind RCTs
- Faster healing than amnion membrane and mammalian tissue
- Superior economic performance
- Natural microbial barrier
- Sustainably harvested



What is Kerecis® Omega3 Wound?

Kerecis® Omega3 Wound is intact fish skin that is homologous to human skin and is used for tissue regeneration and grafting. Kerecis Omega3 Wound is FDA indicated for multiple clinical applications.

Because there is no risk of a viral-disease transfer from Atlantic cod to humans, the fish skin needs only mild processing for medical use and maintains its natural structure and elements, including Omega3 fatty acids.

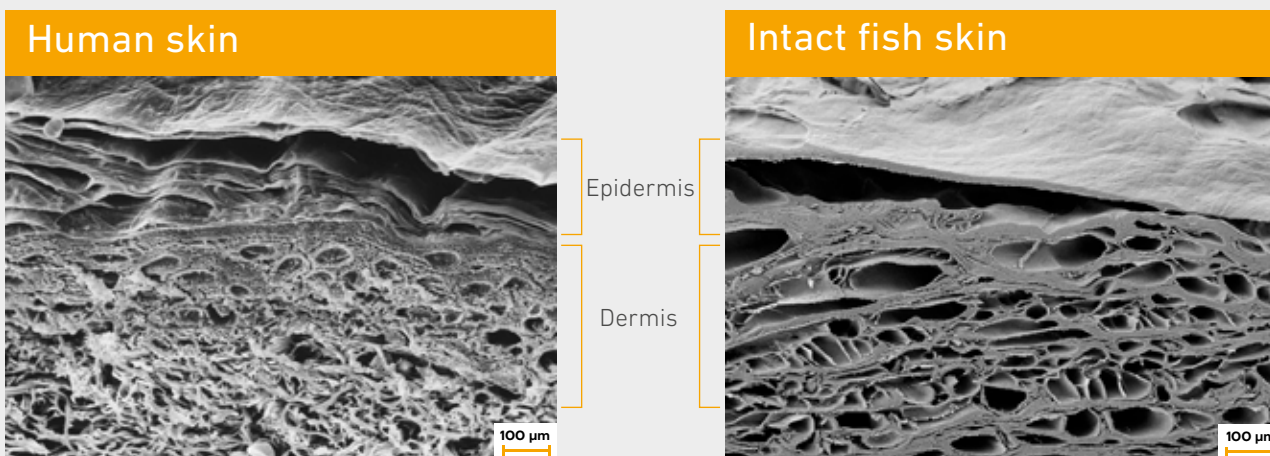
When grafted onto damaged human tissue, such as a burn or a wound, the fish-skin recruits the body's own cells, supporting the body's own ability to regenerate. The fish skin is a natural microbial barrier.

The superior clinical and economical performance of Kerecis Omega3 Wound has been demonstrated in two non-industry funded, double-blind, randomized clinical trials and in numerous other clinical studies.

Clinical Advantages

- Room temperature storage
- 3 years shelf life
- Durable for staples & sutures
- No cultural or religious conflicts
- Sizes from 3cm²-140cm²

Kerecis® Omega3 Wound is homologous to human skin



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

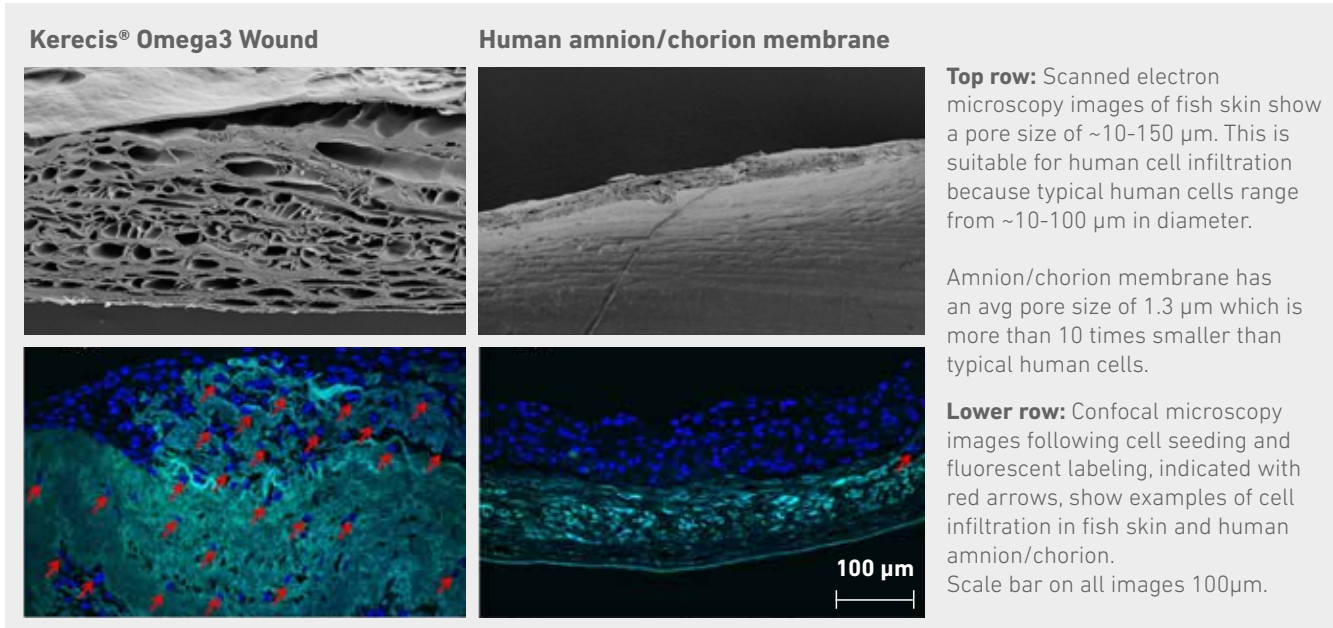
MOLECULES IN HUMAN SKIN	INTACT FISH SKIN	PROCESSED MAMMALIAN TISSUE
Collagens	✓	✓
Elastin	✓	✗
Laminin	✓	✗
Fibronectin	✓	✗
Proteoglycans	✓	✗
Glycans	✓	✗
Lipids <i>No Omega3s</i>	✓ <i>Includes Omega3s</i>	✗

Left table: Comparison of skin components of Human Skin, Kerecis Omega3 Wound, and Processed Mammalian Tissue. The table highlights the similarity between human skin and fish skin and the components lost in processed mammalian tissue.

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 fish skin is thicker and the microstructure more porous, compared to mammalian matrixes and human amnion/chorion membranes.

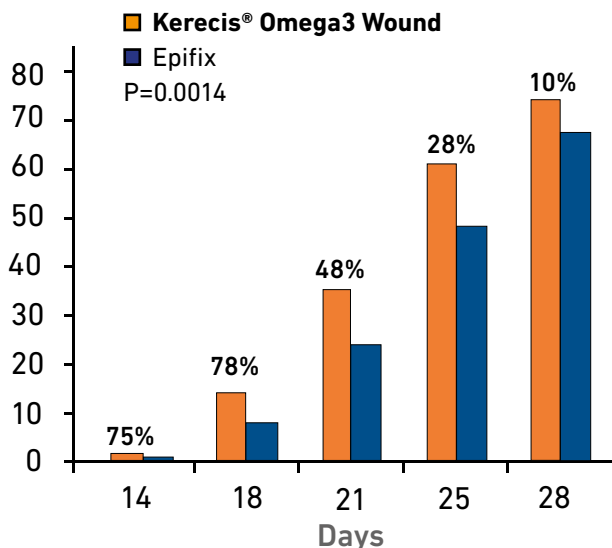
The unique biomechanical properties of the fish skin and the size of its pores facilitate cell ingrowth, a critical step for tissue regeneration. In-vitro tests of the fish skin shows significantly more ($p < 0.0001$) three-dimensional cell ingrowth than human amnion/chorion membranes.



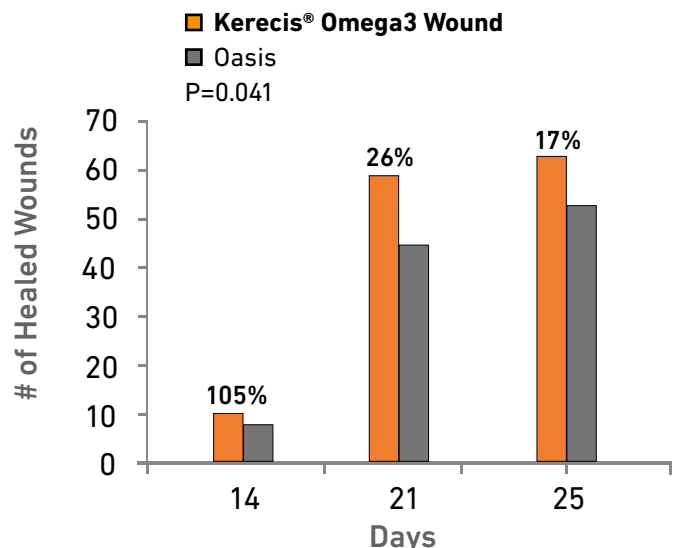
Proven results

Superior clinical and economic performance of Kerecis Omega3 Wound in two separate randomized controlled trials published in peer-review journal.

Kerecis® Omega3 Wound vs Epifix
Patients=85



Kerecis® Omega3 Wound vs Oasis
Patients=81



Kirsner et al. Fish-Skin Grafts Compared to Human Amnion/Chorion Membrane Allografts: A Double-Blind, Prospective, Randomized, Clinical Trial of Acute Wound Healing. *Wound Repair and Regeneration*, (2019).

Baldursson, B. T. et al. Healing rate and autoimmune safety of full-thickness wounds treated with fish skin acellular dermal matrix versus porcine small-intestine submucosa. *Int. J. Low. Extrem. Wounds* 14, (2015).

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

Description	Size	Billable Units (cm ²)
Kerecis® Omega3 Wound	Disk, 14 mm diameter	2
Kerecis® Omega3 Wound	Disk, 16 mm diameter	3
Kerecis® Omega3 Wound	1.75 x 1.75 cm	4
Kerecis® Omega3 Wound	3 x 3.5 cm	11
Kerecis® Omega3 Wound Fenestrated	3 x 3.5 cm	11
Kerecis® Omega3 Wound	3 x 7 cm	21
Kerecis® Omega3 Wound Fenestrated	3 x 7 cm	21
Kerecis® Omega3 Wound	7 x 7 cm	49
Kerecis® Omega3 Wound Fenestrated	7 x 7 cm	49
Kerecis® Omega3 Wound	7 x 10 cm	70
Kerecis® Omega3 Wound Fenestrated	7 x 10 cm	70
Kerecis® Omega3 Wound	7 x 20 cm	140
Kerecis® Omega3 Wound Fenestrated	7 x 20 cm	140

Room temperature storage. 3 year shelf life.

kerecis®

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

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**FDA approved, U.S. and international
patents and trademarks granted and
pending.**

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