What is **Kerecis Omega3** MariGen?

Kerecis Omega3 MariGen is a unique medical fish skin sustainability sourced from the Arctic waters of Iceland. It brings a new innovative solution for patients with their difficult to heal wounds.¹⁻³

Because there is no risk of viral-disease transfer from cold water cod to humans, the fish skin requires only mild processing for medical use and maintains its natural structure and elements, including Omega3 fatty acids.4,5

When grafted onto a burn or a wound, the fishskin recruits the body's own cells, supporting the body's own ability to regenerate.^{6,7}

Fish Skin supporting the body's own ability to regenerate

Kerecis°



Kerecis°



OUR VISION To extend life by supporting the body's own ability to regenerate

KERECIS 2300 Clarendon Blvd. Suite 1210 Arlington, Virginia 22201 Phone: (703) 287-8752 Email: info@kerecis.com

Patient Guide

Kerecis[®] Omega3 MariGen[™]

Fish-Skin Graft for Wound Management

How will Kerecis Omega3 help my wound heal?

Most chronic or slow-healing wounds are stuck in a stage of redness or swelling that can keep the wound from healing. This ongoing inflammatory stage occurs because of underlying conditions and can become a vicious cycle. Inflammation can cause the skin to break down. This exposes the wound to bacteria and outside irritation that, in turn, lead to more inflammation.

Shelter for your healing cells

Kerecis Omega3 MariGen has the similar structure as human skin, and human cells easily grow into the graft. Your skin's cells can therefore use it as a shelter to heal the wound.

All the building blocks for skin, including Omega3

Kerecis Omega3 MariGen is made of gently processed, intact fish skin. Fish skin is rich in naturally occurring Omega3 polyunsaturated fatty acids and the other essential building blocks needed for wound healing.

Does Kerecis Omega3 MariGen have any side effects?

There are no known side effects to the graft. However, people with a known fish allergy should not use the product.

Is Kerecis Omega3 MariGen difficult to apply?

Kerecis Omega3 MariGen is simple to apply. Once your provider has removed unhealthy tissue from your wound, he or she will apply the graft directly to its surface. Before the procedure your provider will soften it with a rehydrating solution. After applying Kerecis Omega3 MariGen, your provider will wrap the wound in a special dressing for protection.

What kind of wounds call for Kerecis Omega3 MariGen?

Kerecis Omega3 MariGen can be used if your wound does not respond to standard wound-healing therapies. Kerecis may be used on most wound types, including chronic wounds, venous leg ulcers, diabetic ulcers and surgical wounds.

What do I do after the graft is applied?

For best results it is important to keep the wound dressing dry and clean. In the weeks following the procedure, Kerecis will slowly be absorbed into your wound.

• MANAGE THE DRESSING.

Keep the dressing dry and clean. Contact your provider if it becomes wet or loose.

• MAKE YOUR KERECIS APPOINTMENTS.

For the best results Kerecis is applied weekly or biweekly based on your provider's treatment plan. Missing appointments can delay healing.

• KEEP WEIGHT OFF THE WOUND.

Healing skin is fragile. Do not step on the wound or sit or lie in a position that puts pressure on the wound.

• WEAR PROTECTIVE SUPPORT AS INSTRUCTED.

Your provider may prescribe offloading shoes and/or compression wraps, which will help manage any underlying conditions. Contact your provider if you have problems using your protective device.

All information in this brochure is designed to serve only as a general guideline. This information does not replace instructions received from your healthcare provider. Always follow your health care provider's directions.

Is this covered by my insurance?

Kerecis Omega3 MariGen is approved by Medicare and covered by most private insurance providers. Your care center can verify coverage with a call to the Kerecis Hotline **+1 844-KERECIS (+1 844-537-3247)**.



How can I find out more about Kerecis Omega3 MariGen?

If you have any questions about your treatment, please contact your health care provider.

Please visit the company's website at **www.kerecis. com** for more information about the product, scientific publications and patient testimonials.

You can also email questions to **info@kerecis.com**.

References

1. Sigurðardóttir, S., Johansson, B., Margeirsson, S. & Viðarsson, J. R. Assessing the impact of policy changes in the Icelandic cod fishery using a hybrid simulation model. ScientificWorldJournal 2014, 707943 (2014).

2. Chun K. Yang, John C. Lantis II & Thais O. Polanco. A prospective, single-center, non-blinded, noncomparative, post-market compassionate clinical evaluation of a Novel Acellular Fish Skin Graft which contains Omega3 fatty acids, for the closure of hard to heal lower extremity chronic ulcers. Wounds 28,

3. Winters, C. Wound dehiscence on a diabetic patient with haemophilia and high risk of further amputation successfully healed with omega-3rich fish skin: a case report. Diabet. Foot Journa 21,

4. 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: a noninferiority study. Int. J. Low. Extrem. Wounds 14, (2015).

5. Magnusson, S. et al. Decellularized fish skin: characteristics that support tissue repair. Laeknabladid 101, 567–573 (2015).

6. Magnusson, S., Baldursson, B. T., Kjartansson, H., Rolfsson, O. & Sigurjonsson, G. F. Regenerative and Antibacterial Properties of Acellular Fish Skin Grafts and Human Amnion/Chorion Membrane: Implications for Tissue Preservation in Combat Casualty Care. Mil. Med. 182, 383–388 (2017).

7. Alam, K. & Jeffery, S. L. A. Acellular Fish Skin Grafts for Management of Split Thickness Donor Sites and Partial Thickness Burns: A Case Series. Mil. Med. 184, 16–20 (2019).