

Cases

Healing by secondary intent with rapid epithelialization of the skin results in desirable cosmetic and functional outcomes.⁷

Kerecis SurgiClose helps support healing in a wide range of surgical, traumatic and acute wounds

CASE 1

Tissue deficit with exposed structures
Case courtesy of Dr. Ruston Sanchez

Deep traumatic wound. Healed with full mobility and function of the leg.

Applications: 3
Concurrent NPWT



DAY 1 DAY 11 DAY 33 CURRENT

CASE 2

Diabetic necrotizing soft tissue infection
Case courtesy of Dr. Thea Price

Exposed tendons and tissue deficit. Infection was controlled, then Kerecis applied until granulation bed and tendon had viable cover. 100% STSG take, full closure. Full ROM.

Applications: 6



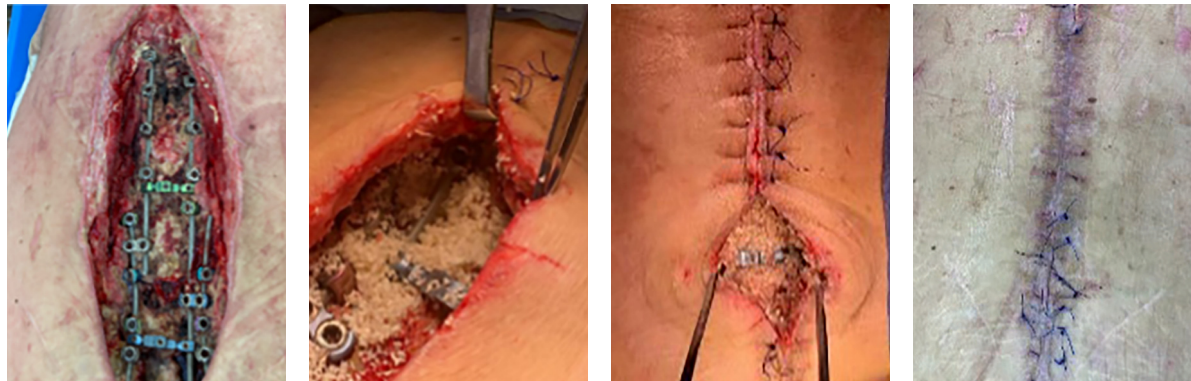
Initial Debridement SurgiClose applied Filled up tissue defect and tendon protected from dessication Application of STSG Full Closure

CASE 2

Surgical Dehiscence
Case courtesy of Dr. Andrew Bright

Dehiscenced and infected surgical wound with exposed avascular structures. After infection resolved, debridement and application of Kerecis led to healing after 8 weeks.

Applications: 2
Concurrent NPWT



Debridement SurgiClose Micro applied DAY 5 – More SurgiClose Micro applied DAY 31 – Full Closure

Fish Skin Sustainably Harvested in Iceland

Kerecis fish skin is a byproduct of fish processing in Iceland. The fish are caught from certified sustainable fishing stocks in the Arctic Ocean.

Iceland's fishing industry has the highest regulatory standards in the world; it is the primary supplier of fish for Kerecis products, and meets the sustainability requirements of the Marine Stewardship Council and the Iceland Responsible Fisheries Certification Program.

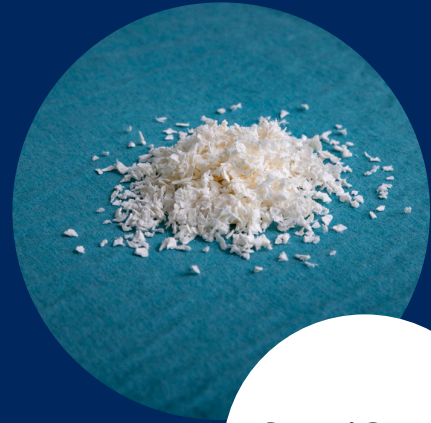
The Kerecis manufacturing facility is powered by renewable energy.



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Kerecis[®]
SurgiClose™ & SurgiClose Micro™

Fish skin graft for tissue injury management



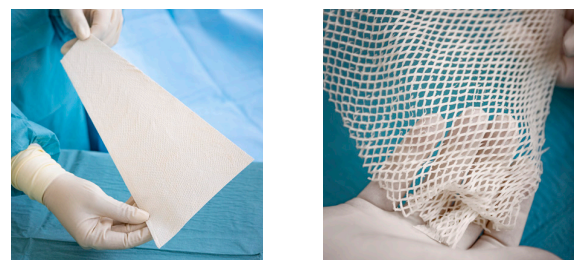
SurgiClose™ Micro

INTENDED USE

The product is indicated for the management of wounds including:

- Partial and full thickness wounds
- Pressure ulcers
- Chronic vascular ulcers
- Diabetic ulcers
- Draining wounds
- Trauma wounds (abrasions, lacerations, second-degree burns, skin tears)
- Surgical wounds (donor site/grrafts, post-Mohs surgery, post-laser surgery, podiatric, wound dehiscence)

Contact Kerecis for information on available sizes



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2. 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 non-inferiority study. *Int. J. Low. Extrem. Wounds* 14, (2015).
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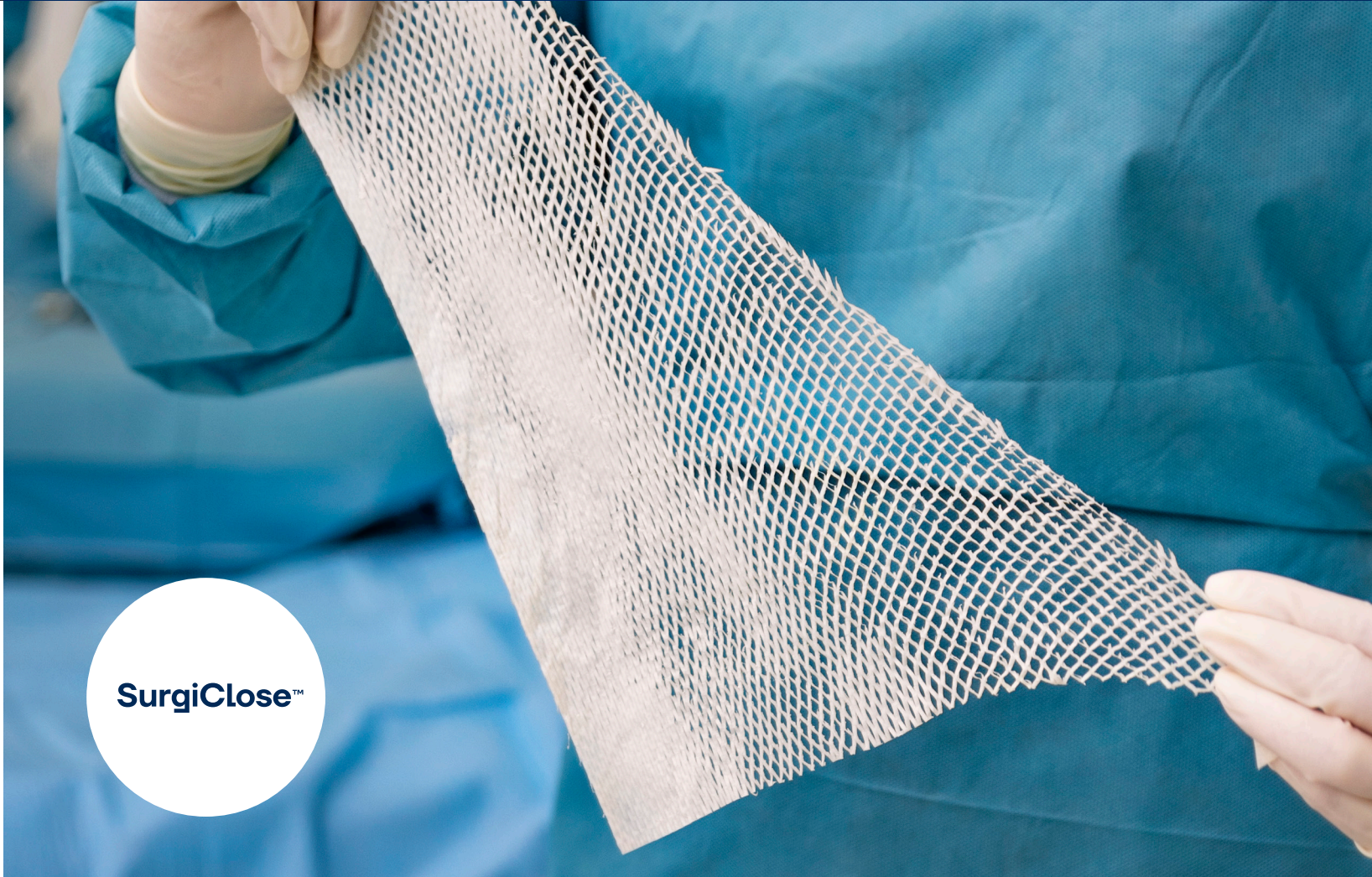
OUR VISION
To become the world leader in tissue regeneration by sustainably harnessing nature's own remedies

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

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SurgiClose™

What is Kerecis SurgiClose?

Kerecis SurgiClose is an intact fish skin graft, homologous to human skin.¹ Because there is no risk of viral disease transfer from North Atlantic cod to humans, the fish skin only needs mild processing with our proprietary method. This method preserves the skin's natural qualities², including: its three-dimensional structure, mechanical properties, molecular organization, and chemical composition (including Omega3s and other healthy fats, glycosaminoglycans, proteoglycans, fibronectin).¹⁻³

SurgiClose promotes healing with minimal impairment of functionality and positive cosmetic outcomes. The graft can be placed onto damaged human tissue, such as surgical or trauma wounds, where it guides the body's own cells to effectively regenerate the tissue.⁴⁻¹¹



SurgiClose's Features and Benefits

SurgiClose:

- Faster incorporation and cell ingrowth
- Preserved microstructure facilitates dermal regeneration
- Rapid neovascularization through naturally porous skin structure⁸
- Natural microbial barrier protecting against environmental insults
- Contains no artificial crosslinking²

SurgiClose Micro:

- Designed to fill and adhere to uneven and complex wound surfaces
- Offers more surface area coverage than non-fragmented grafts
- Provides an optimal environment for the body's own cells²
- Excellent handling for application with minimal wastage of the product

Cases

Healing by secondary intent with rapid epithelialization of the skin resulting in desirable cosmetic and functional outcomes.⁷



Initial Wound

SurgiClose applied

DAY 36

DAY 74

CASE 4

Pressure Ulcer

Case courtesy of Dr. Juan Santiago

Stage IV pressure injury closed with a 98% reduction in wound size.

Applications: 3
Concurrent NPWT

Kerecis Omega3 Technology



INTACT THREE-DIMENSIONAL STRUCTURE

10x greater porosity than other biologics, allowing significantly more cellular ingrowth



NATIVE MOLECULAR ORGANIZATION

Homologous to human skin



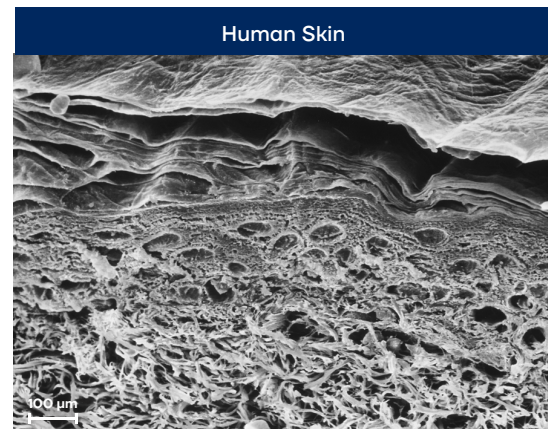
PRESERVED NATURAL MOLECULAR CONTENT

Chemical content is preserved, including soluble collagens, Omega3s and other fatty acids

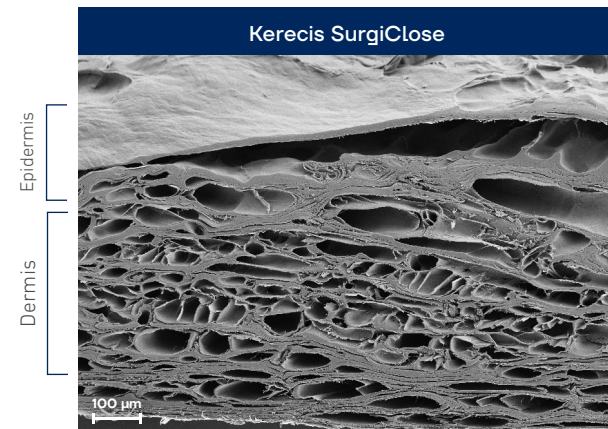


NATURAL MECHANICAL PROPERTIES

Naturally strong, pliable, and easy to suture and staple

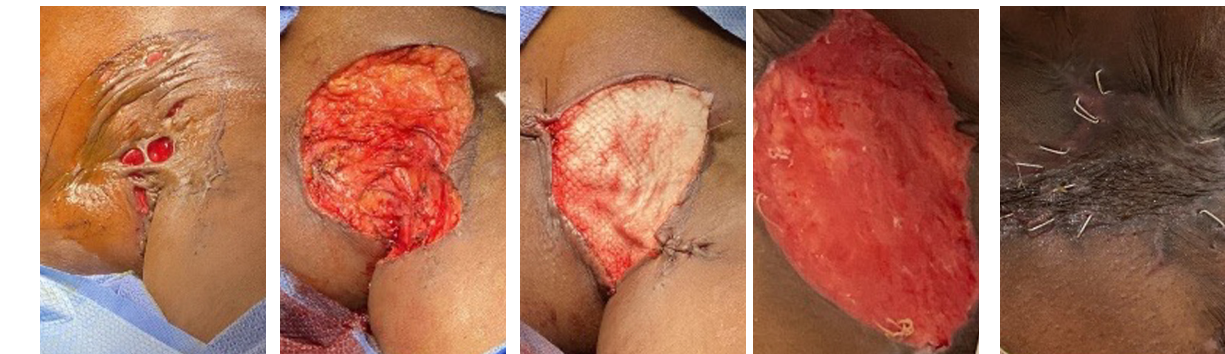
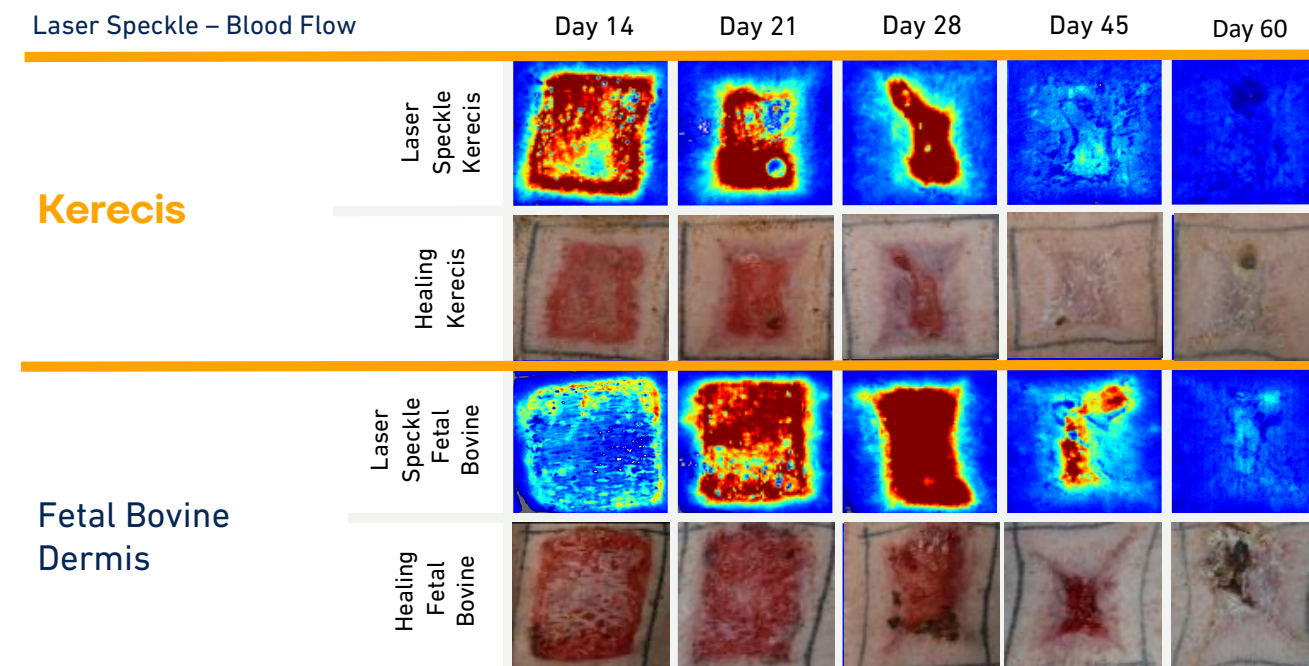


Kerecis provides ideal porosity for significantly more cell ingrowth



Proliferative Stage

Kerecis results in accelerated blood perfusion in the wound bed



Initial Wound

Post-Excision

SurgiClose applied

DAY 30 – Application of STSG

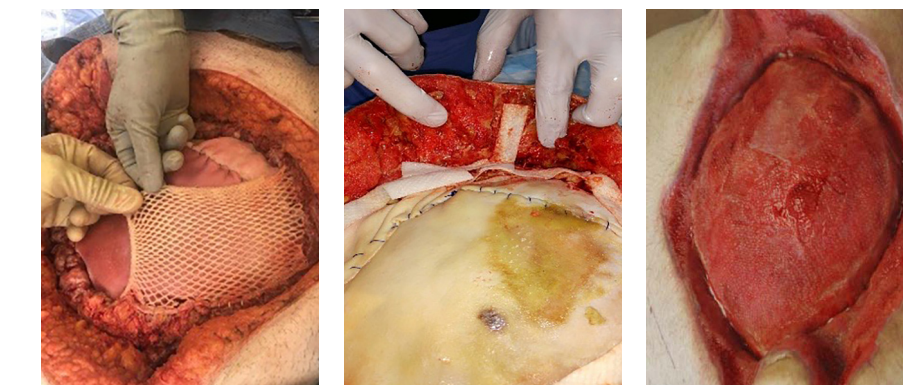
CASE 5

Hidradenitis

Case courtesy of Dr. Michael Romberg

The severe hidradenitis of the left axilla was partially healed to prepare for STSG.

Applications: 1



Initial application of SurgiClose

Second application of SurgiClose

DAY 38 – Application of STSG

CASE 6

Open Abdomen

Case courtesy of Leonard Benitez, MD Tracy Robertson, NP

Full-thickness abdominal wound, secondary to anastomotic leak due to Crohn's disease, was partially healed to prepare for STSG.

Applications: 2