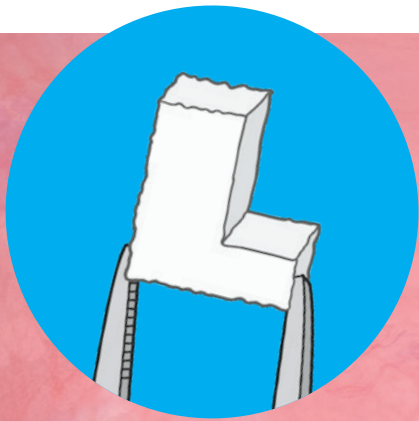


LEADING REGENERATION

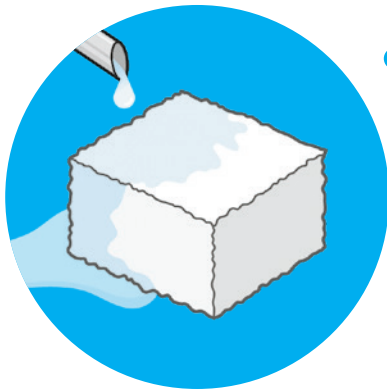
Geistlich
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Geistlich Bio-Oss® Collagen and the L-Shape Technique

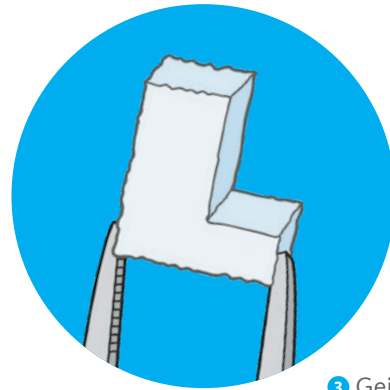
EXACTLY like no other



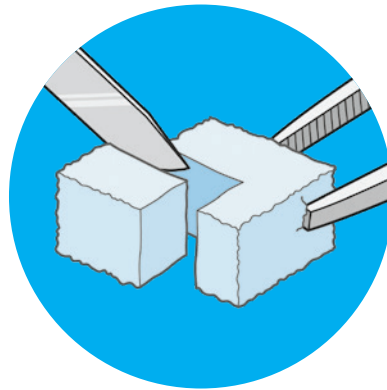
EXACTLY like no other – Geistlich Bio-Oss® Collagen L-Shape



- 1 Pre-wetting Geistlich Bio-Oss® Collagen 100 mg or 250 mg.



- 3 Geistlich Bio-Oss® Collagen in L-Shape ready to use.

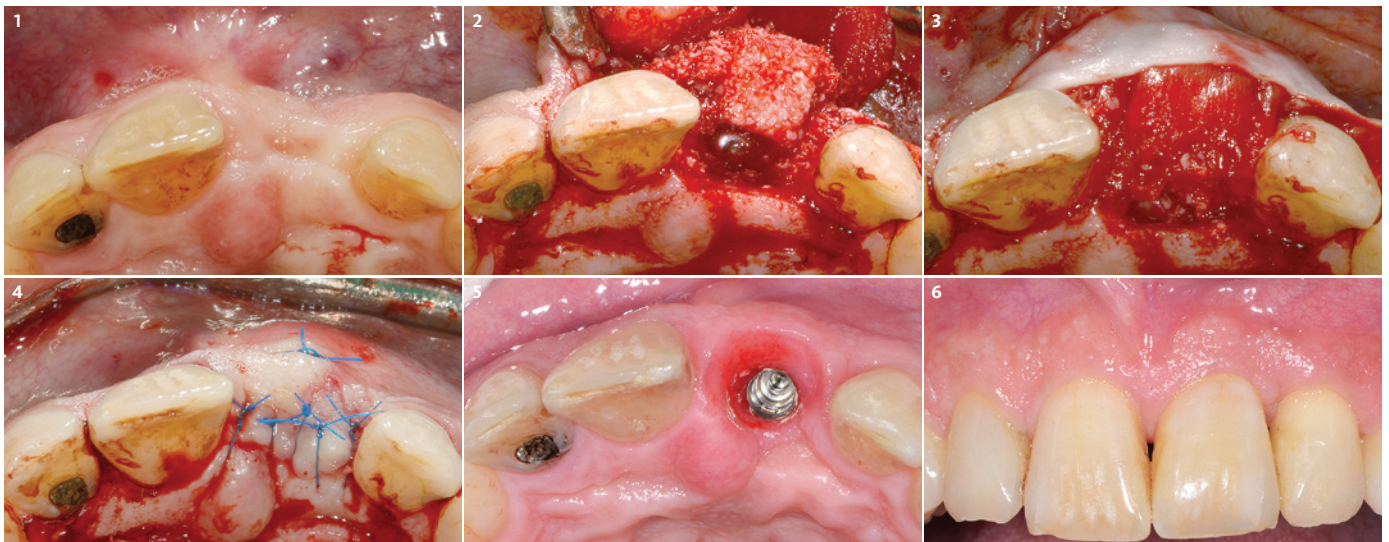


- 2 Cutting Geistlich Bio-Oss® Collagen into an L-Shape.

Clinical case with Geistlich Bio-Oss® Collagen L-Shape



Clinical case by Dr. Marco Zeltner/Horgen Switzerland



- 1 Occlusal view of the situation 2 months extraction (extraction due to vertical root fracture) with a pronounced labial concavity of the ridge.
- 2 Implant placement and application of Geistlich Bio-Oss® Collagen and Geistlich Bio-Oss® for the L-shape technique.
- 3 Application of two layers of Geistlich Bio-Gide® apically fixed with Resor-Pins.
- 4 Tension-free wound closure with a horizontal mattress suture and single interrupted sutures.
- 5 Occlusal view after soft tissue conditioning 6 months post-operatively.
- 6 Frontal view of the final restoration after 2 years (layered zirconia screw-retained implant crown).

Prof. Dr. Ronald E. Jung
Zurich (Switzerland)



Which clinical challenges is the L-shape technique used in?

The L-shape technique is primarily indicated in the esthetic area where it is important to provide as much stability to the soft and hard tissue as possible. However, it can be used in any area of the jaw, there are no restrictions to any one area in the mouth.

What is the benefit of the L-shape technique?

The three-dimensional stability of the Geistlich Bio-Oss® Collagen has two aims: First to regenerate the missing buccal bone and second it should support the soft tissue in the most critical area for a perfect prosthetic result. Multiple clinical and preclinical studies are ongoing to further prove the benefit potential of the L-Shape technique.

Take home message by Prof. Dr. Ronald E. Jung

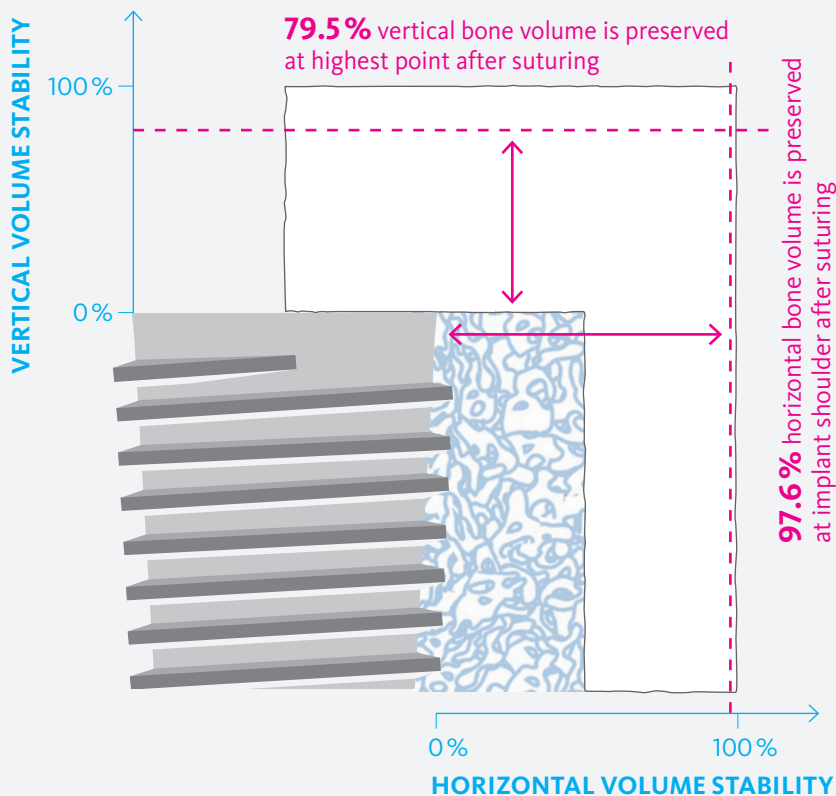
- > Provides mechanical graft stability
- > Builds volume
- > Mimics root prominence
- > Maintain the crestal soft tissue
- > Can be used in daily cases (especially in the esthetic zone)
- > No increase in invasiveness or complexity






For more information scan or visit:
www.geistlich-biobrief.com/en

An approach for everyday clinical practice

It's not only the volume stability...

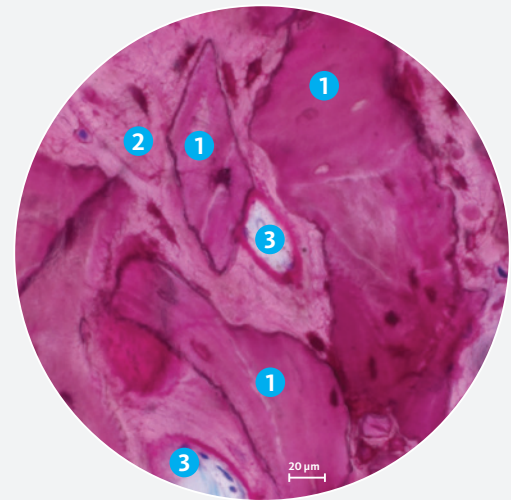


-  Geistlich Bio-Oss® granules
-  Geistlich Bio-Oss® Collagen trimmed to L-Shape
-  Implant

High stability before and after suturing

- > Wound closure induces displacement of the bone substitute^{1,2}
- > Combined use of Geistlich Bio-Oss® granules, Geistlich Bio-Oss® Collagen in an L-Shape and Geistlich Bio-Gide® achieves 80% more graft stability than without Geistlich Bio-Oss® Collagen²
- > Geistlich Bio-Oss® Collagen in an L-Shape can be compressed and adapted to the bone defect without compromising the graft stability²

...or the regenerative potential...



Geistlich Bio-Oss® Collagen **1** in close contact with newly formed bone **2** and blood vessels **3**.

Clinical histology 6 months after Guided Bone Regeneration with Geistlich Bio-Oss® Collagen and Geistlich Bio-Gide®: Geistlich Pharma AG, Scheyer et al.³

Regenerative potential of Geistlich Bio-Oss® Collagen

- > New woven bone with tightly integrated Geistlich Bio-Oss® granules forms a dense trabecular network³
- > Loose connective tissue is free of inflammation and vascularization has been restored³

It's the long-term clinical success that makes Geistlich Bio-Oss® Collagen EXCATLY like no other.



Geistlich Bio-Oss® Collagen



Geistlich Bio-Gide®

Successful clinical long-term outcomes

- > Using Geistlich Bio-Oss® Collagen and Geistlich Bio-Gide® significantly preserves horizontal and vertical volume when compared with spontaneous healing after 1 year⁴
- > Ridge preservation with Geistlich Bio-Oss® Collagen and Geistlich Bio-Gide® maintain the long-term stability of the peri-implant hard and soft tissue after 10 years⁵



More details about our distribution partners:
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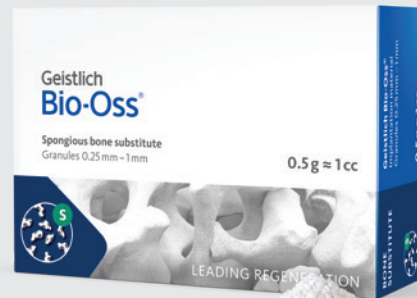
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Geistlich Bio-Oss® Collagen

Geistlich Bio-Oss® (small granules) + 10% collagen (porcine) Sizes: 50mg (2.5 × 5.0 × 7.5mm), 100mg (5.0 × 5.0 × 7.0mm), 250mg (7.0 × 7.0 × 7.0mm), 500mg (10.0 × 10.0 × 7.0mm)



Geistlich Bio-Oss®

Small granules (0.25–1 mm):
 0.25 g, 0.5 g, 1.0 g, 2.0 g (1 g ~ 2.05 cm³)
 Large granules (1–2 mm):
 0.5 g, 1.0 g, 2.0 g (1 g ~ 3.13 cm³)



Geistlich Bio-Gide®

Sizes: 25 × 25 mm, 30 × 40 mm

References

- 1 Mir-Mari J, et al.: Clin Oral Implants Res. 2016; 27(2):258-65 (preclinical study).
- 2 Mir-Mari J, et al.: Clin Oral Implants Res 2017; 28(6): 631-39 (preclinical study).
- 3 Scheyer ET, et al.: J Clin Periodontol 2016; 43(12): 1188-99 (clinical study).
- 4 Cardaropoli D, et al.: Int J Periodontics Restorative Dent. 2014; 34(5):631-7 (clinical study).
- 5 Rocuzzo M, et al.: Int J Periodontics Restorative Dent. 2014; 34(6):795-804 (clinical study).