



Geistlich
Bio-Gide®

The illustration shows a cross-section of a bone defect. The top layer is the skin, with red cylindrical structures representing hair follicles. Below the skin is a network of red blood vessels. The bone defect is filled with a porous, yellowish-white scaffold. Three circular callouts highlight different Geistlich Bio-Gide products: a flat sheet, a compressed sheet, and a shaped sheet. A blue wavy line is at the bottom of the image.

Geistlich
Bio-Gide®
Compressed

Geistlich
Bio-Gide®
Shape

Geistlich Bio-Gide® There, when you need it!

leading regeneration

Geistlich

Geistlich Bio-Gide®... EXPOSED!

Geistlich Bio-Gide® is a native bilayer collagen membrane of porcine origin. It effectively protects the graft from ingrowth of soft tissue¹ and thus supports reliable bone regeneration.² Thanks to its unique structure, Geistlich Bio-Gide® promotes uneventful wound healing^{1,3} and optimal soft-tissue integration.^{2,4,5} Geistlich Bio-Gide® is fully certified, also in the indication of open healing under the new European Medical Device Regulation (MDR).



Minimally invasive

Why your patients will love the results

Flapless Ridge Preservation: leaving Geistlich Bio-Gide® exposed is less invasive and eliminates the need for a surgical flap.⁶⁻⁸



Easier surgery

Provide care with user friendly and time-saving products

Avoidance of flap elevation reduces the surgical complexity.^{6,7}



Improved esthetic outcomes

Exceptional results you can rely on

A flapless approach maintains the keratinized tissue, since there is no shift of the mucogingival line due to flap mobilization.⁶

Uneventful wound healing



When using Geistlich Bio-Gide® in an open-healing set-up, a fibrin matrix that looks like beige mucosa appears within the early days of wound healing (day 1-4). This happens due to the natural wound healing process and is also shown in studies as uneventful wound healing.⁶⁻⁹ The fibrin clot usually disappears within 10-15 days and is replaced by the first layer of soft tissue.



Case by
Dr. Célia Coutinho Alves
Porto, Portugal



Geistlich Bio-Gide® is placed buccally on the inner alveolar wall, slightly protruding the crestal bone. Geistlich Bio-Oss® is packed on top of Geistlich Bio-Gide® up to the soft-tissue level.



Geistlich Bio-Gide® is folded over the filled socket, adapted under the palatal sulcus, fixed with vertical mattress sutures and heals by secondary intention (open healing).

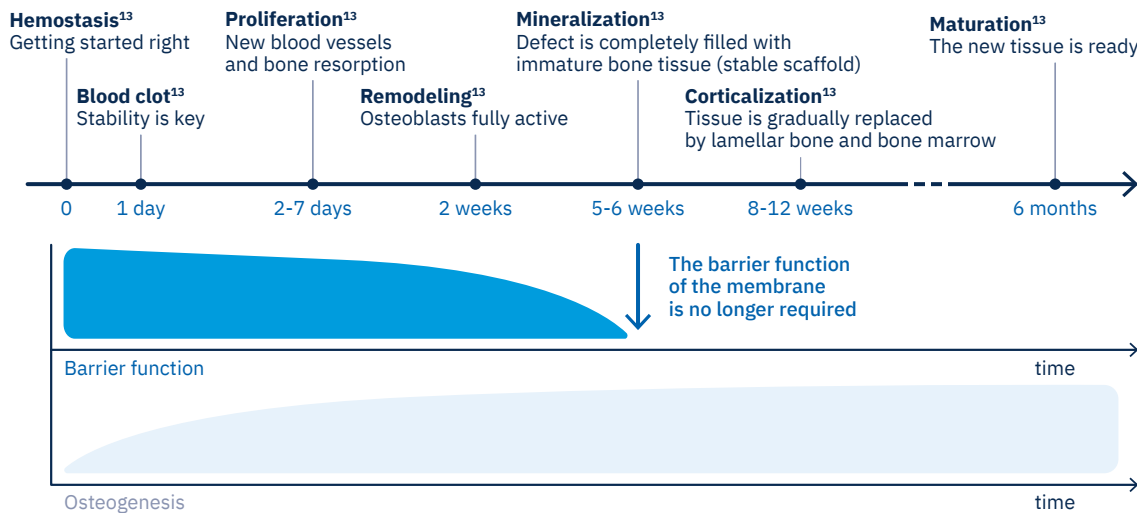


Situation after site-conditioning of the soft tissue 4 months post-extraction.

Handing over to nature!

Always there when needed, for as long as required

According to the literature, the protective function of a membrane is necessary until the woven bone forms. Once the graft has thus gained sufficient stability for the autonomous continuation of regeneration, and the overlying soft tissue has healed without proliferating inside the graft thanks to the barrier function, the membrane no longer has any reasons to remain.^{4, 10-12}

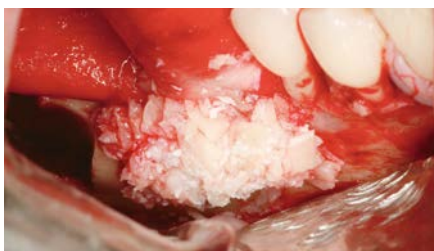


Proven clinical success!

From a biological perspective and considering all the characteristics mentioned above, Geistlich Bio-Gide® works as a temporary barrier instead of an unnecessary blockade. Clinical results show that even for larger horizontal bone augmentations (e.g. like the Sausage Technique®), the barrier time of Geistlich Bio-Gide® is long enough to generate sufficient bone volume for healthy implant placement.¹⁵



Case by
Prof. Istvan Urban
Budapest, Hungary



Buccal view after application of a 1:1 mixture of autogenous particulated bone and Geistlich Bio-Oss® granules. The Geistlich Bio-Gide® membrane is secured on the crest before the application of the graft.



Buccal view of a single Geistlich Bio-Gide® membrane, which is fixed with titanium pins. The fixed membrane immobilizes the bone graft creating the sausage skin effect.



Occlusal view of the regenerated ridge at re-entry after 7 months. Two implants were placed with good primary stability. Note the excellent incorporation of the Geistlich Bio-Oss® with the autograft.



Geistlich

Our experience, your peace of mind



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Your safety and the long term predictability of your clinical results are our priority. Together with you, we discover every day solutions to enhance the quality of life for our patients.

- Compliant with the strict requirements of MDR certification, Geistlich biomaterials ensure safety, quality, and reliability, meeting the highest European standards.
- Over 25 million patients treated worldwide with Geistlich products.
- Every 14 seconds a Geistlich product is used in the world.
- Geistlich Bio-Oss® and Geistlich Bio-Gide® have clinically confirmed long-term bone regeneration success for over 20 years.¹⁴
- The ministry of Health approves blood donation from patients implanted with Geistlich biomaterials.
- You can rely on a clinically proven treatment solution, for your everyday challenges, from simple (e.g Ridge Preservation) to highly demanding indications (e.g. orthognathic surgery).



References

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swiss made

