

LEADING REGENERATION

Geistlich



We Want
to Keep You
Smiling

Bone Regeneration
with Geistlich Bio-Oss®
and Geistlich Bio-Gide®

A Healthy Smile Starts with a Strong Foundation

Strong and healthy teeth provide a feeling of well-being, self-confidence and enhance your personal appeal – both in your private and professional life.

Therefore, your dentist takes great care in planning how missing teeth can be replaced and diseased teeth can best be treated to give you back an improved quality of life. Your dentist wants to keep you smiling – and so do we.

What Are the Causes of Bone Loss?

A sufficient amount of bone is essential to ensure the long-term stability of your teeth or dental implants. It can also be critical for ensuring the esthetic appearance of your teeth and gums.

Bone loss may occur for a variety of reasons:

- > Trauma
- > Inflammation of the gum tissue
- > Bacterial tooth plaque
- > Tooth removal



Geistlich Biomaterials is a family-owned Swiss company that has provided the highest quality products in regenerative dentistry for more than 30 years.

Our innovations encourage the natural healing process of the body to regain lost tissues. Every 18 seconds, someone in the world is treated with a Geistlich biomaterial.

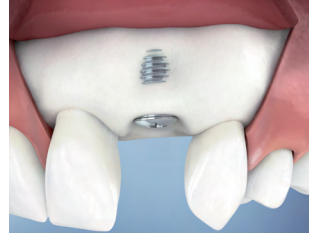
EXACTLY
like no other.



When Is Bone Regeneration Necessary?

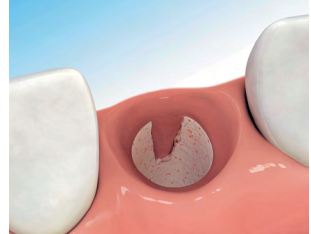
1 Dental Implants

To support and increase the bone surrounding dental implants, if the existing volume of bone is not sufficient for long-term stability.



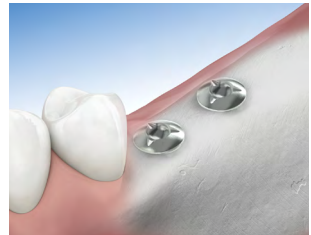
2 Tooth Extraction

To support the bone and improve the soft tissue appearance following treatment.



3 Extensive Bone Defects

To regenerate lost bone due to trauma or missing teeth and regain sufficient bone height for future restoration.



4 Upper Jaw Bone Increase

To correct a bone defect at the back of the mouth for additional height prior to implant placement.



5 Periodontitis

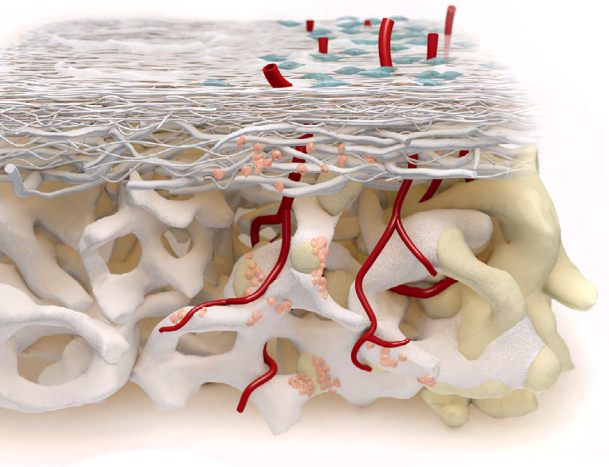
To preserve existing teeth that have lost bone due to periodontal disease.



How Can Bone Be Regenerated?

Human bone possesses the ability to partially rebuild, or regenerate itself, however in most cases this process requires assistance.

The properties of Geistlich Bio-Oss® bone substitute and Geistlich Bio-Gide® membrane effectively support the body's own bone regenerative processes.^{1,2,3}



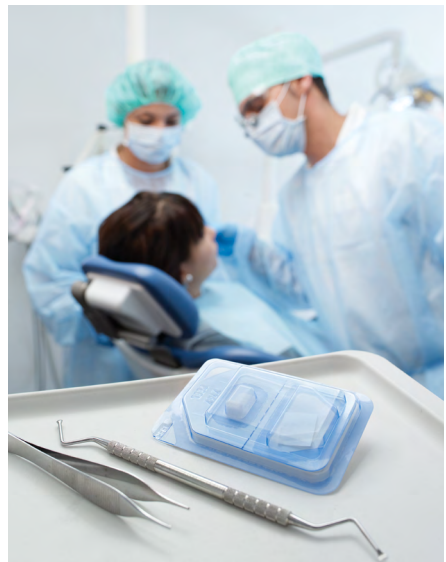
The structures of Geistlich Bio-Oss® and Geistlich Bio-Gide® support the regenerative process by serving as a framework for the in-growth of blood vessels that lead to tissue healing and new bone growth.

How Are Our Products Made?

Both Geistlich Bio-Oss® and Geistlich Bio-Gide® conform to the highest quality and safety standards.

Our Criteria:

- > Careful selection of materials
- > Highly effective and thorough cleansing process
- > Swiss quality production process



Why Is Bone Preservation Important?

Adequate volume of bone

- > To maintain tooth and/or implant stability

Appearance of soft tissue is maintained

- > Resulting in an esthetic and pleasing smile

Simplifies further treatment

- > Avoids more costly and extensive treatment in the future

Preventive therapy

- > Promotes the health and stability of teeth through regenerative treatment



Without Regenerative Treatment

Results following tooth extraction without preventive treatment to support the bone



With Regenerative Treatment

Results 2 years following preventive treatment to support the bone using Geistlich Bio-Oss®

Cases: Dr. Behnam Shakibaie-M. (Tehran, Iran)



Following Your Procedure

Post-operative care is an area where you can contribute to the success of your procedure.



Do's

- › Maintain your oral hygiene and use antibacterial mouth wash as prescribed by your dentist.
 - › Treat swelling with moist, cold pads.
 - › Consult your dentist regarding pain.
 - › Make sure that you visit your dentist for a follow-up appointment.
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Don't's

- › Do not neglect your oral hygiene.
 - › Do not brush or floss at the site of surgery. A toothbrush with especially soft bristles can usually be used for cleaning the teeth in the surgical area.
 - › Do not drink coffee or alcohol and do not smoke cigarettes for 2–3 days after surgery.
 - › Do not interfere with the surgical wound or sutures.
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Geistlich Bio-Oss® and Geistlich Bio-Gide® are approved medical devices made of bovine bone and porcine collagen respectively. All Geistlich products meet the highest standards for quality and safety.

For more information on Geistlich Bio-Oss® and Geistlich Bio-Gide® please visit:





Why Is Treatment Beneficial?

Smile With Confidence

Esthetically pleasing outcomes and healthy teeth

Prevention

Preventative procedures following tooth loss may help avoid complicated procedures in the future

Successful Outcomes

Long-term success has been documented in more than 1,000 scientific publications

Additional patient information for all Geistlich biomaterials can be found at:
dental.geistlich-na.com

CAUTION: Federal law restricts these devices to sale by or on the order of a dentist or physician.

For more information on contraindications, precautions, and directions for use, please refer to the Geistlich Bio-Oss® and Geistlich Bio-Gide® Instructions for Use at: dental.geistlich-na.com/ifu

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References

- 1 Traini, T. et al. (2007). J Periodontol. 78(5): 955–961.
- 2 Sartori, S. et al. (2003). Clin Implants Res. 14(3): 369–372.
- 3 Zitzmann, NU. et al. (2001). Int J Oral Maxillofac Implants. 16(3): 355–366.

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