

Protect Yourself from Sleepless NIGHTS

Research/ Product Development - "When it comes to quality, we don't compromise!"

Geistlich Pharma is committed to its own research and development. Accordingly, the company invests in skilled professionals and technologies, and it nurtures international cooperation.

Geistlich is characterised by its passion for science. That too is reflected largely in its research and development. Swiss and international professionals and specialists alike dedicate themselves to the shared goal of tirelessly improving regenerative medicine. This goal is built on a thorough understanding of the biology of matrix structures.

Swiss quality under one roof

It is important to Geistlich that all research and development is done in-house and that it meets its high standards of Swiss quality. A wide spectrum of in-house research takes place – from biochemistry to cell biology, and material research to research analytics. When research is carried out at Geistlich, it is done with the precept of supporting the body's own regenerative processes with biological products. The result of this commitment is the regeneration of natural tissue with the interaction between product and body. Before launching a product, Geistlich always endeavors to prove its clinical efficacy in a watertight manner.

"Geistlich focuses on development of products that support self-healing processes in the body" Dr Andreas Geistlich

Predictability

Geistlich Bio-Oss® is the leading natural bone substitute in regenerative dentistry worldwide^{1,2}. The outstanding osteo-conductive properties of Geistlich Bio-Oss® lead to effective and predictable bone regeneration^{3,5}. Geistlich Bio-Oss® particles become an integral part of the newly formed bone framework and preserve volume over the long term^{6,9}. Subsequent application of a Geistlich Bio-Gide® collagen membrane enables undisturbed regeneration in the augmented area¹⁰.

In the 1980s, Dr. Peter Geistlich was the first to remove organic components from bone material without changing the natural microstructure and bone composition. Nowadays, Geistlich Bio-Oss® is regarded as the state-of-the-art bone substitute in dental bone regeneration – meeting the requirement from clinicians for predictable outcomes.

"GBR with Geistlich biomaterials is a successful therapy from an aesthetic and functional point of view with a high degree of predictability and low risk of aesthetic complications." Prof. D. Buser, Berne, Switzerland

For references go to: <https://www.geistlich.com.au/en/dental/bone-substitutes/geistlich-bio-oss/user-benefits/>

Quality & Safety - "Our focus is on quality!"

Geistlich Pharma places utmost importance on the quality of its products, of which the clinical efficacy must be proven watertight. New developments are tested until they fully meet the company's high standards for Swiss quality, safety and efficacy. External authorities and bodies, such as the U.S. Food and Drug Administration (FDA) or TÜV, conduct inspections around five times a year and underpin Geistlich's endeavor for quality.

Geistlich conducts around **30** internal quality audits a year to ensure its own high quality standards are met. Geistlich regularly audits its suppliers of raw materials and components: it carries out around **15** supplier audits each year. Geistlich also carries out internal and external training to raise quality awareness in line with the company's ethos: every employee at the headquarters currently undergoes training an average of 20 times a year. Hundreds of product users are also trained. From raw materials, semi-finished products, through to finished products, Geistlich employees inspect, test and check the bone substitute materials and membranes/matrices at more than 20 points along the production process. **The result: reliable, effective solutions of Swiss quality.**

Collagen Expertise - Collagen plays an important role in the regeneration of tissue. This is why Geistlich Pharma has devoted itself to collagen expertise.

Eleven scientists working at Geistlich Pharma have dedicated themselves exclusively to collagen research. Dr. Lothar Schlösser, Niklaus Stiefel and Daniel Suppiger have advanced the company's **160** years of collagen expertise with their work, as they have developed innovative biomaterials for tissue regeneration.

For more details go to Geistlich's Collagen Blog: <https://www.regeneration-expert.com/en/blog-detail/blog/40/blogtitle/>

Evidence Based Data - Biomaterials from Geistlich Pharma are the most-documented products in regenerative dentistry worldwide.

Meeting international scientific standards is a core principle of Geistlich Biomaterials. Geistlich Bio-Oss® and Geistlich Bio-Gide® bone regeneration materials are the most researched products in regenerative dentistry worldwide^{1,2}.

All products, such as Geistlich Mucograft® or Geistlich Mucograft® Seal, are investigated rigorously before being released on the market. Geistlich products have been tested and developed for use in various therapeutic areas, in collaboration with more than 100 universities and leading surgeons.

For references go to: <https://dental.geistlich-na.com/en-us/professionals/further-sites/scientific-evidence/>

Publications - Product efficacy demonstrated in over 1,000 studies

Decades of experience with biomaterials and pioneering work achieved are documented in meaningful scientific evidence. The efficacy of Geistlich's biomaterials is documented in over 1,000 studies – when it comes to the safety and quality of its products, Geistlich doesn't compromise. To learn from the best and gain valuable expertise, the company networks with renowned international experts, university partners and esteemed clinical practitioners. New treatment concepts and products are born from the exchanges between this network of expertise. Geistlich places great importance on training medical professionals. The strive for excellence means that a **Geistlich biomaterials are used every 15 seconds around the world.**

For more details on our products or support we can provide to your practice, please contact your local Geistlich Specialist or Customer Service Team on 1800 776 326.



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