

Bionnovation

Regeneration Made Easy

Accessible
biomaterials for smarter
regenerative care

bionnovation.com



Bionnovation is here to make everyday regeneration easy.
With a streamlined portfolio of products and services, it makes
quality biomaterials accessible to patients around the world.



About Bionnovation

Raising the standard for accessible regenerative care



BIONNOVATION – A GEISTLICH GROUP BRAND

Bionnovation Biomedical, founded 1993 in Brazil, brings more than three decades of expertise in developing and manufacturing biomaterials for regenerative dentistry.



A NEW STANDARD IN ACCESSIBLE REGENERATIVE CARE

Today, as part of the Geistlich Group, Bionnovation stands for quality biomaterials affordable to patients around the world with a streamlined portfolio of products and services.



A RELIABLE AND AFFORDABLE APPROACH TO REGENERATION

The whole Bionnovation portfolio delivers steady, reliable handling while maintaining high standards of safety and material quality for your peace-of-mind.



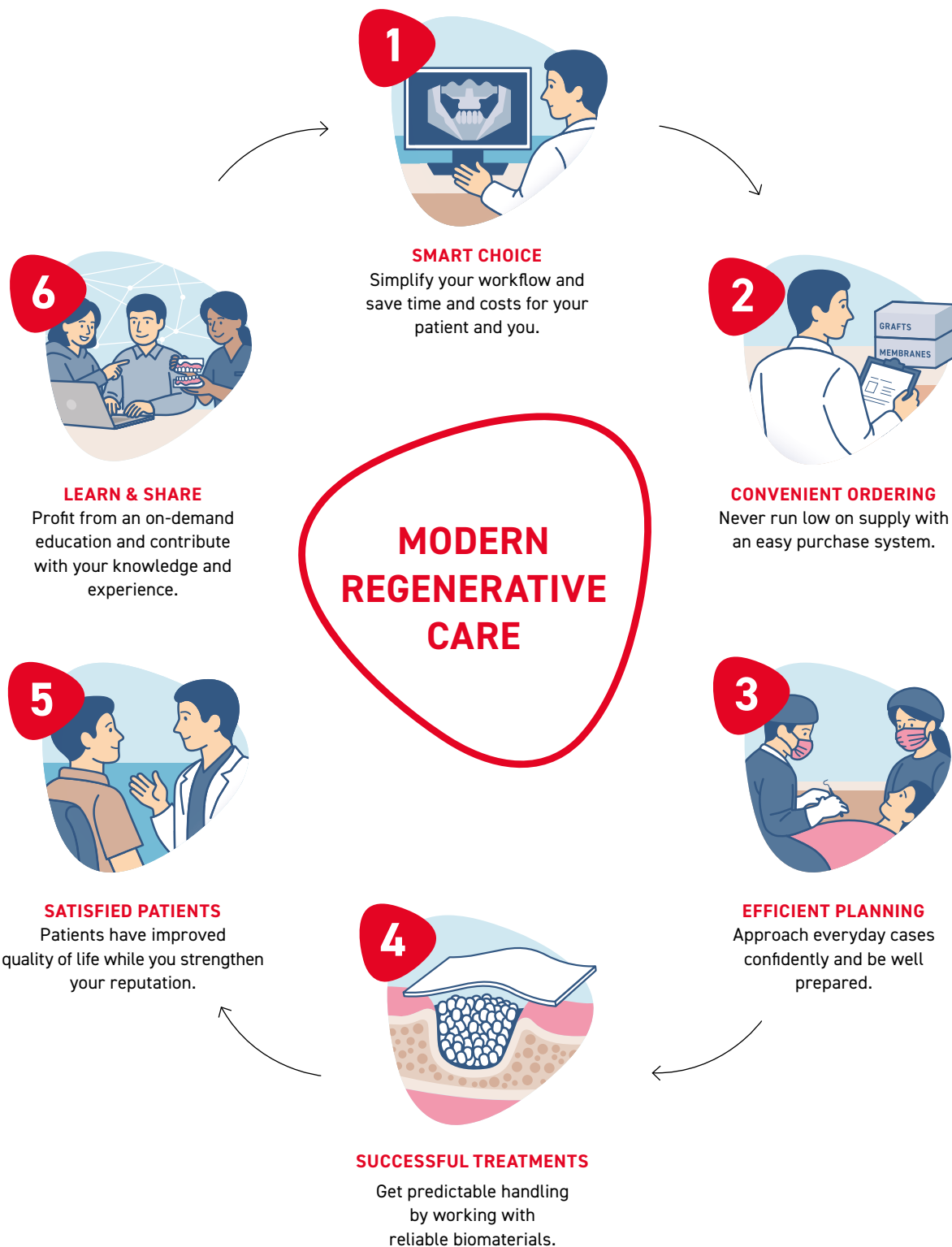
GROWTH AND SUCCESS THROUGH EDUCATION

Bionnovation empowers clinicians with structured, on-demand education designed for convenient learning. This flexible approach makes it easy to approach regeneration with confidence.

Regeneration made easy

The Bionnovation Cycle

Enter the Bionnovation Cycle and bring safe and reliable solutions into your daily routines. Our approach is to bring clarity and structure to dental regenerative care by supporting clinicians in building confidence and progressing at their own pace.



Bionnovation Allo

The Allograft that changes things

Bionnovation Allo²² is a simple, ready-to-use graft selection for repairing, replacing or reconstructing bone in daily dental procedures. Designed to support consistent handling performance, each graft is processed using the validated Cancellle SP® Sterilization Process to ensure a sterility assurance level of 10^{-6} .¹

DONOR QUALITY. ASSURED SAFETY.

Each graft is processed from carefully screened and tested donor tissue, including, but not limited to, medical record review, risk assessment interviews, and physical evaluation.

VALIDATED PROCESS. TRUSTED SAFETY.

Processed using the proprietary Cancellle SP® Sterilization Process¹, a validated method designed to sterilize DBM and cortical cancellous chips while inactivating and/or removing a panel of microorganisms, without the use of antibiotics.²

VERIFIED TESTING. BIOLOGICAL PROCEDURES.

Each lot of implants containing DBM is lot release tested for BMP-2.¹ BMPs are recognized as a marker associated with osteoinductive potential.²³



IDEAL FOR EVERYDAY DENTAL BONE PROCEDURES

- Ridge augmentation
- Implant placement
- Extraction socket
- Sinus floor elevation



**CHOOSE
SMART**

Bionnovation Oss XB

The everyday xenograft for modern practice

Experience reliable performance in everyday regenerative cases with Bionnovation Oss XB. This patented xenograft is engineered to support natural bone formation and remodeling with proven safety and biocompatibility.³

EASY-TO-USE.

PRECISELY MEASURED.

Bionnovation Oss XB simplifies your workflow with small granules available in multiple filling sizes, conveniently packed in an easy to peel mix tray. No need for extra accessories. You save preparation time and benefit from efficient clinical routines.⁴

NATURALLY STRUCTURED.

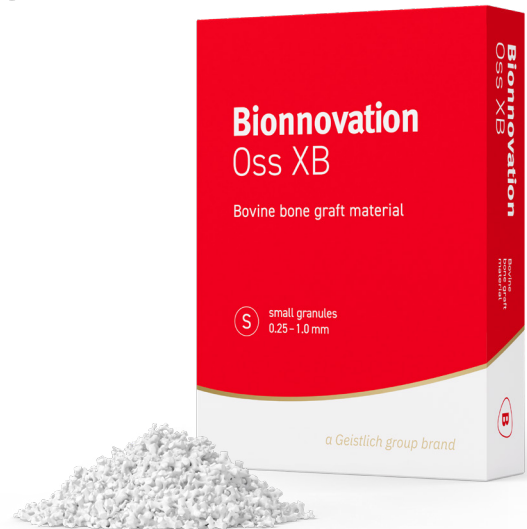
SCIENTIFICALLY PURIFIED.

The patented manufacturing and purification process of Bionnovation Oss XB preserves natural bone architecture, strength, and porosity, while fully deactivating organic residues. This ensures safe, predictable bone regeneration.⁴⁻⁷

ENGINEERED TO INTEGRATE.

BUILT TO REGENERATE.

The preserved porosity and uniquely micro-rough surface of Bionnovation Oss XB supports nutrient diffusion, vascularization, cell attachment, and mineralization. This xenograft forms a stable scaffold that supports predictable healing and creates a solid foundation for implants.³



IDEAL FOR EVERYDAY DENTAL BONE REGENERATION⁸

- Ridge augmentation
- Implant placement
- Extraction socket
- Sinus floor elevation
- Peri-implantitis



**SHOP
EASILY**



Bionnovation Gide XP

The membrane designed for ease of use

Bionnovation Gide XP is a membrane dentists can rely on for quality and Consistency.^{9,10} It supports soft tissue healing, bone formation, and smoother recoveries.¹¹⁻¹⁵

PREDICTABLE HANDLING EVERY DAY.

Bionnovation Gide XP comes in multiple sizes designed to fit seamlessly into your daily practice. It reduces complexity and effort while delivering predictable outcomes for confidence and control.¹²

RELIABLE, HIGH-QUALITY MEMBRANE.

Bionnovation Gide XP is a thin, flexible, and tear-resistant membrane that adapts easily to defects, simplifies procedures, and reduces surgical complexity, making routine dental bone regeneration easier.^{11,16,17}

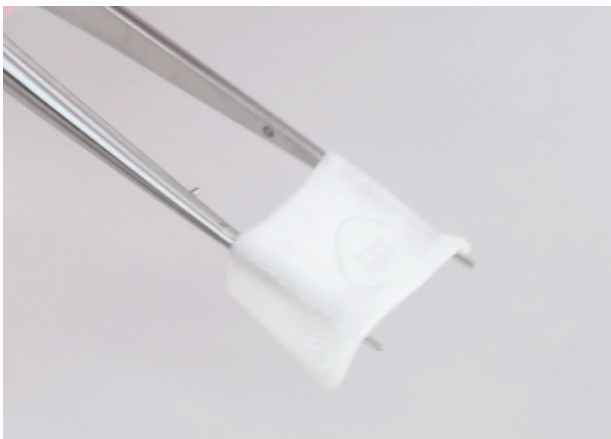
STABILIZES AND STRENGTHENS BONE.

The user-friendly, and robust collagen membrane stabilizes the blood clot, separates soft and hard tissue, and creates an optimal environment for bone cells to settle and grow.^{11,16-19}



IDEAL FOR EVERYDAY DENTAL BONE PROCEDURES¹³

- Localized bone defects
- Ridge augmentations and preservation
- Extraction socket
- Suitable for open wound healing



**EDUCATE
YOURSELF**

References

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21. Bionnovation Gide XP IFU
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MORE DETAILS ABOUT BIONNOVATION

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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 Instructions for Use.

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