


Product	Type	Item No.	Volume	Particle Size
 <b>THE Graft™</b>	Vial	BG-A15	0.15g (0.36cc)	250~1000 $\mu$ m
		BG-A25	0.25g (0.6cc)	
		BG-A05	0.5g (1.2cc)	
		BG-A10	1.0g (2.4cc)	1000~2000 $\mu$ m
		BG-B05	0.5g (1.8cc)	
		BG-B10	1.0g (3.6cc)	
	Syringe	TG-AS25	0.25cc	250~1000 $\mu$ m
		TG-AS05	0.5cc	
		TG-AS10	1.0cc	
		TG-BS25	0.25cc	1000~2000 $\mu$ m
		TG-BS05	0.5cc	
		TG-BS10	1.0cc	

Clinical papers

 KOO, Tae-Hwan, et al. Histologic analysis following grafting of damaged extraction sockets using deproteinized bovine or porcine bone mineral: A randomized clinical trial. Clinical Oral Implants Research, 2020, 31.1: 93-102.

 LEE, Jae-Hong; JEONG, Seong-Nyum. Long-term stability of adjunctive use of enamel matrix protein derivative on porcine-derived xenograft for the treatment of one-wall intrabony defects: A 4-year extended follow-up of a randomized controlled trial. Journal of Periodontology, 2022, 93.2: 231-238.

Reference

- 1) Salgado, CL et al. (2016) J Biomed Mater Res A. 104(1): 57-70.  
2) LEE, J.H., et al. Physicochemical characterization of porcine bone derived grafting material and comparison with bovine xenografts for dental applications  
3) Bone grafting in maxillofacial trauma. Curr Opin Otolaryngol Head Neck Surg . 2022, 1;30(4):260-264

Video clip

 [ Wettability ]

THE Graft Syringe Guide

 [ Instruction for Use ]

 [ Porosity ]

Why **THE Graft™**




Should be your first Choice

Bone graft material of **Purgo Biologics** has been confirmed its **excellent quality** worldwide.

**49**  **countries**  
Approved and Commercialized in 49 countries in Europe, USA, Asia, etc.

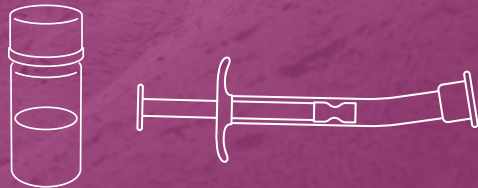
**SCI**  **journal**  
Verified with 26 SCI level papers.

**KOREA**   
Manufactured in Korea with thorough quality control.

 **Manufacturer Purgo Biologics Inc.**  
812, 27, Dunchon-daero 457beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, 13219, Korea  
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 **Purgo** Dental Biologics Solution



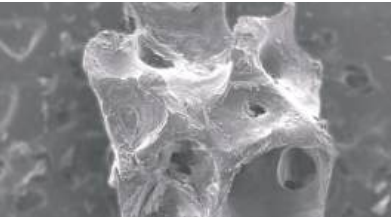
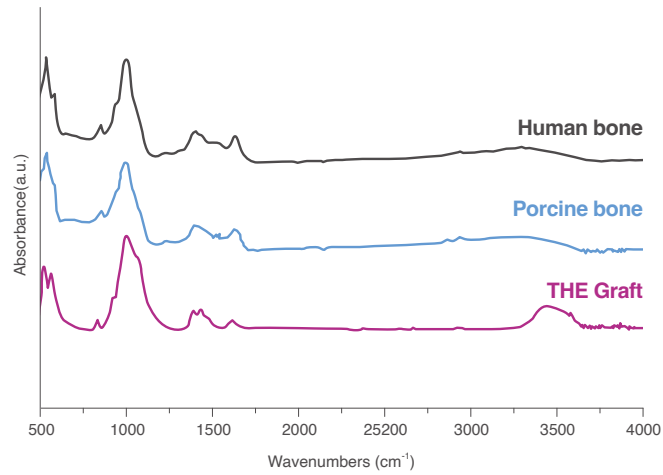
 **Purgo** Dental Biologics Solution



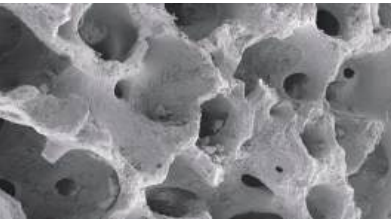
Natural Bone Substitute

**THE Graft™** is a natural, porcine bone mineral matrix for bone regeneration. When applied to a bone defect, **THE Graft™** gradually resorbs and is replaced with new bone during the healing process.

| IR data | (Human bone vs. Porcine bone vs. THE Graft)



Human bone



THE Graft™

Proven Predictability

Unique proprietary manufacturing process removes potential immunogenic organic elements very effectively while keeping the natural structure of the matrix.

**THE Graft™** quality and safety have been scientifically demonstrated with invitro, in-vivo studies, a large number of case study reports and international randomized clinical research.

Systematic review and meta-analysis have been conducted on **THE Graft™** worldwide. [1-2]  
**THE Graft™** has gained worldwide recognition for its scientific and clinical effectiveness in bone regeneration.



Safety and Biocompatibility

Through thorough quality control, **THE Graft™** is manufactured consistently without lot-to-lot deviation while maintaining the natural structure of the matrix.

Porcine bone with the high level of purity enables predictable bone growth without risking an immunogenic reaction.  
An in-vivo study showed that **THE Graft** facilitated cell adhesion to the same extent as the DBBM (Deproteinized Bovine Bone Matrix), offering optimal conditions for vital cell growth.

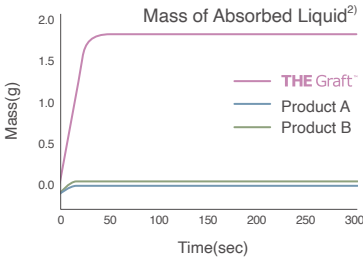
Porosity and Hydrophilicity

Porosity is an important factor in determining tissue-implant material integration.

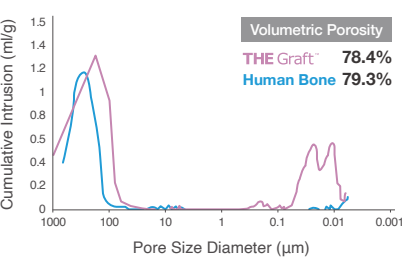
The high porosity of THE Graft™ ensures quicker and efficient fluid intake and permits the migration of cells that are advantageous for new bone regeneration.

High surface energy and interconnective pores allow to have high hydrophilicity which enhances the osteoconduction process.

| Wettability Increase |



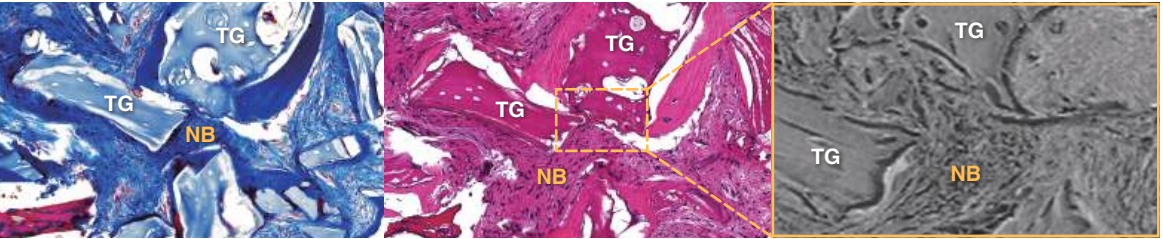
| High Porosity |



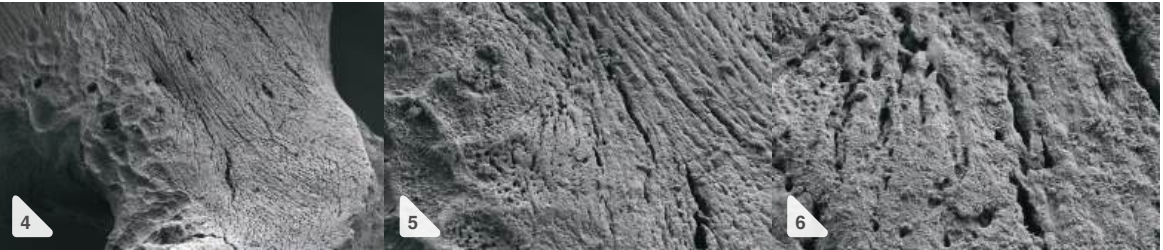
Excellent Bone regeneration

The harmonious composition of micro and macro pores of THE Graft improves osteoconductivity and osseous integration with residual bone.

A new bone generation was verified with proven predictability through various journals and long-term clinical studies.



TG : THE Graft NB : New bone



THE Graft™ Syringe Type

- It makes easy to apply for sinus lift or to hard-to-reach defect sites.
- THE Graft Syringe Type** allows easier hydration and control for injecting with the desired amount of bone graft material.  
(Only cancellous bone has a syringe type)

