

LegoGraft™

 **Purgo** Dental
Biologics
Solution



“Feel the Clinical Freedom on Science and Safety”

Founded in 1999, Purgo Biologics strives to become one of the leading global companies in oral health care with its focus on safe biomaterials for soft tissue and bone regeneration.

Based on the specialized experiences accumulated by our outstanding research personnel, Purgo Research and Development Center based in Seoul is thriving to become the best in the world, specifically in the expertise of oral biomaterials for soft tissue and bone regeneration. All members in Research and Development Center are pursuing the optimized technical developments with various clinical studies, cooperative research with the governments, clinicians and educational institutions.

The solutions manufactured by Purgo are gaining fame throughout the world and Purgo’s solutions are widely accepted by global dentists from more than 30 countries.

Our production site is complying with the most international quality standards and regularly inspected by international agencies. Each production stage of our biologics solutions are controlled from the selection of the raw material to the final product.

Availability of words may vary from country to country.

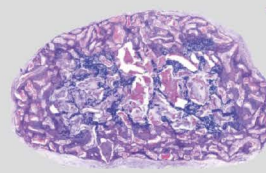


LegoGraft™

Biocompatible and safe natural bone grafting material,
LegoGraft™ is just the science itself!

LegoGraft™, a form of block and ring composed of porcine derived bone mineral matrix from cancellous bone and atelocollagen from porcine tendon, is a material used to fill, augment, and/or reconstruct periodontal, oral, and maxillofacial defects. The bone mineral matrix is similar to physical and chemical aspects of mineralized matrix of human bone. Hydrated collagen components have viscosity that facilitates for blending bone mineral matrix. With this characterization, it can be trimmed and/or molded to the various shapes of defects and can be attached in bone defect site.

As time passes, LegoGraft™ is partially transformed by the osteoclast and osteoblast.



It is advantageous for shape and space maintenance.

*In vivo histological evaluation: Rats were sacrificed at 8 weeks

1 Easily moldable

Made of 90% of **THE Graft™** granules and 10% collagen, **LegoGraft™** is easier to mold than **THE Graft™** granules alone. Therefore, **LegoGraft™** has better handling property compared to that of **THE Graft™**, making it possible to adapt grafting materials to various shapes of the defect site with more ease.

2 Optimal osteoconductivity

While retaining better handling properties, **LegoGraft™** is able to form sufficient osseous tissue for implant placement and maintain natural volume and great adhesion property which lead to minimum chair time.

3 Predictable clinical results

With great hydrophilicity, **LegoGraft™** stabilizes the clot and aids in revascularization of the grafting material in the defect area to increase cell migration efficiency to the mineral substrate. As a result, fast bone formation can be expected, as well as a predictable clinical result.



Specification

LegoGraft™

| Item N° | Size |
|---------|--------------|
| TCB-01 | 7 x 7 x 7 |
| TCB-02 | 8 x 9 x 10 |
| TCB-03 | 10 x 11 x 12 |





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