

OSSTEM

Smart choices in regeneration: versatile biomaterials for reliable results



In dental regeneration, predictability and efficiency are key. With a growing demand for versatile, evidence-based solutions, OSSTEM offers a comprehensive portfolio of biomaterials designed to support successful bone and soft-tissue regeneration in various clinical scenarios. A-Oss is a naturally derived xenograft made from bovine bone. Its slow resorption profile ensures long-term volume stability, making it ideal for ridge preservation, sinus lifting, and larger defect reconstructions. Its osteoconductive properties promote rapid integration with the host bone, providing a reliable scaffold for new bone formation.

Q-Oss+ is a synthetic, biphasic calcium phosphate bone graft (20% HA/80% β -TCP). With a balanced resorption rate and excellent handling characteristics, it is especially suitable for smaller defects and periodontal indications. As an alloplastic material, it also offers a safe and predictable alternative for patients who prefer non-animal products.

To protect and stabilise grafts, membranes play a crucial role. OssMem is a resorbable collagen membrane of bovine origin, offering easy handling, strong barrier function, and excellent biocompatibility. It is particularly useful in standard GBR procedures where predictable resorption and support for soft-tissue healing are essential.

OssCover, derived from porcine collagen, complements the portfolio with slightly different mechanical properties and a natural multilayered structure. Its firm handling and extended barrier function make it an ideal choice for clinicians who prefer a porcine-based membrane with excellent space maintenance.

For more complex or larger horizontal/vertical augmentation cases, OssBuilder, a preformed titanium membrane, provides strong mechanical stability and precise defect shaping. It is especially useful in GBR procedures where long-term structural support is required and offers superior space maintenance compared to collagen membranes.

OSSTEM's biomaterials are developed to work in synergy, giving clinicians the flexibility to adapt to various defect types, patient needs, and personal treatment preferences—without compromising on quality or clinical outcome.

Discover how OSSTEM biomaterials can support your regenerative success. Contact our sales through sales@osstem.eu and learn more about our product line-up.

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