



xenys
MATRIX

Dental

Xenys MATRIX

Xenys Matrix is the new line of high-quality natural bone grafts developed and produced by Tiss'You through the use of its innovative and exclusive tissue cleaning system.



EstRem is an efficient, rapid, and highly selective process that ensures the highest level of safety and biocompatibility of the bone grafts while maintaining all the essential elements of their extracellular matrix. Therefore, once rehydrated, **Xenys Matrix** grafts behave exactly like natural bone tissue in terms of elastic modulus, hydrophilicity, and bone defect healing process, faithfully aligning with osteogenesis physiology.

Xenys Matrix is the quality alternative to autologous bone grafts.

Key Features



EstRem - the patented Tiss'You system

The quality of a natural bone graft derived from heterologous tissue is directly linked to and dependent on the cleaning treatment to which the starting animal bone is subjected.

The elimination of all antigenic and immunogenic elements is a fundamental step in obtaining a clinically implantable material. However, how this is achieved determines the difference between a simply biocompatible graft and one that best supports the neo-osteogenesis process.



Fully preserved
extra-cellular matrix

For this reason, Tiss'You has developed and patented EstRem (Esterification Cell-Removal Technology - patent number WO2020058813A1), the tissue processing capable of treating all connective tissues of animal origin and obtaining completely biocompatible grafts while preserving all the biological and biomechanical features necessary for tissue regeneration at the implant site.





Xenys Matrix cancellous block



Xenys Matrix cancellous granules in filter-cap syringe

Indications



TREATMENT OF PERIODONTAL AND PERI-IMPLANT DEFECTS



PRESERVATION OF POST-EXTRACTION SOCKETS



SMALL AND LARGE SINUS LIFTS



HORIZONTAL AND VERTICAL CREST AUGMENTATION



XYM-C011	Cortical granules (0.25-1 mm) 1.0 cc 1 pc
XYM-C016	Cortical granules (0.25-1 mm) 1.0 cc 6 pcs
XYM-C021	Cortical granules (0.25-1 mm) 2.0 cc 1 pc
XYM-C026	Cortical granules (0.25-1 mm) 2.0 cc 6 pcs
XYM-M001	Mix granules (0.25-1 mm) 0.5 cc 1 pc
XYM-M006	Mix granules (0.25-1 mm) 0.5 cc 6 pcs
XYM-M011	Mix granules (0.25-1 mm) 1.0 cc 1 pc
XYM-M016	Mix granules (0.25-1 mm) 1.0 cc 6 pcs
XYM-M021	Mix granules (0.25-1 mm) 2.0 cc 1 pc
XYM-M026	Mix granules (0.25-1 mm) 2.0 cc 6 pcs
XYM-S001	Cancellous granules (0.25-1 mm) 0.5 cc 1 pc
XYM-S006	Cancellous granules (0.25-1 mm) 0.5 cc 6 pcs
XYM-S001S	Cancellous granules in filter cap syringe (0.25-1 mm) 0.5 cc 1 syr
XYM-S003S	Cancellous granules in filter cap syringe (0.25-1 mm) 0.5 cc 3 syrs
XYM-S011	Cancellous granules (0.25-1 mm) 1.0 cc 1 pc
XYM-S016	Cancellous granules (0.25-1 mm) 1.0 cc 6 pcs
XYM-S021	Cancellous granules (0.25-1 mm) 2.0 cc 1 pc
XYM-S026	Cancellous granules (0.25-1 mm) 2.0 cc 6 pcs
XYM-S041	Cancellous granules (0.25-1 mm) 4.0 cc 1 pc
XYM-S111	Cancellous chips (1-2 mm) 1.0 cc 1 pc
XYM-S116	Cancellous chips (1-2 mm) 1.0 cc 6 pcs
XYM-S121	Cancellous chips (1-2 mm) 2.0 cc 1 pc
XYM-S126	Cancellous chips (1-2 mm) 2.0 cc 6 pcs
XYM-SB1020D1	Cancellous block 10 x 20 x 3 mm 1 pc
XYM-SB1020F1	Cancellous block 10 x 20 x 6 mm 1 pc
XYM-SB1010L1	Cancellous block 10 x 10 x 10 mm 1 pc
XYM-SB1010Q1	Cancellous block 10 x 10 x 20 mm 1 pc



Xenys is the line of natural bone graft substitutes of equine origin, for applications in dental and oro-maxillofacial surgery, orthopedics, traumatology, and neurosurgery.

XENYS GRAFTS ARE AVAILABLE IN THE FOLLOWING VARIANTS:



With totally preserved
extra-cellular matrix

Partially demineralized
and flexible

With only natural
bone mineral



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