



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



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



Tiss'You Srl  
Strada di Paderna, 2  
47895 Domagnano (RSM)  
[tissyou.com](http://tissyou.com) - [info@tissyou.com](mailto:info@tissyou.com)