



xenys  
DEM

Dental

# Xenys DEM

**Xenys DEM** grafts, following the EstRem treatment, undergo a controlled partial demineralization process that gives them incredible flexibility while preserving their three-dimensional structure.

This allows for the availability of spongy bone blocks as soft as a sponge and extremely flexible cortical bone sheets, adapting to the specific needs of reconstructive surgical procedures.



## Key Features

*Fully preserved collagen matrix*

*Soft and flexible due to controlled demineralization process*

*Promote cell adhesion and faster osteointegration*

*Complete remodeling in physiological modes and timeframes*

# 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.



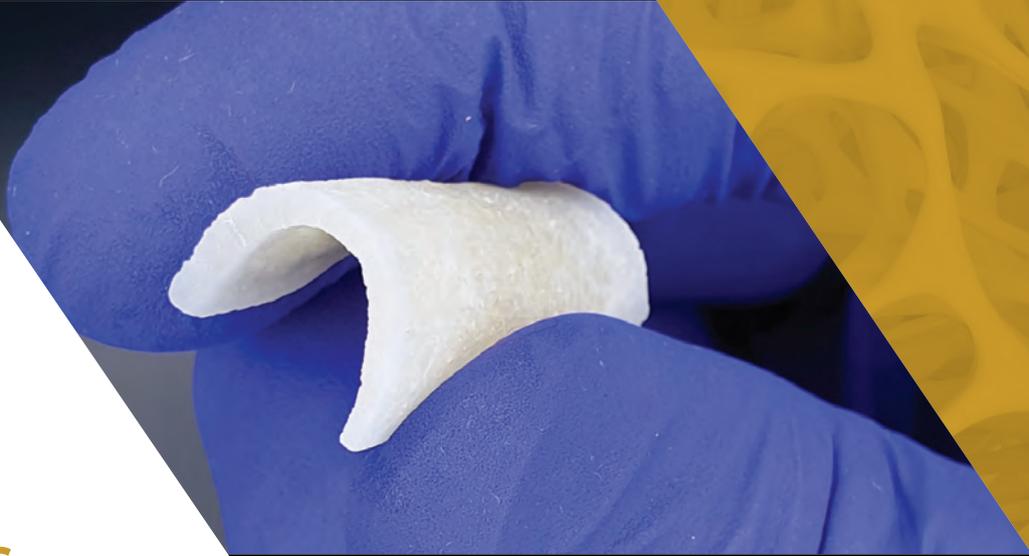
Partially demineralized  
flexible grafts

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 DEM flexible cancellous plate



Xenys DEM flexible cortical laminae

## Indications



PRESERVATION OF THE ALVEOLAR RIDGE



SINUS LIFTS WITH VESTIBULAR ACCESS



HORIZONTAL RIDGE AUGMENTATION



VERTICAL RIDGE AUGMENTATION WITH IMPLANT PLACEMENT



**XYD-SP2525D1**

Cancellous plate 25 x 25 x 3 mm 1 pc

**XYD-SP2030D1**

Cancellous plate 20 x 30 x 3 mm 1 pc

**XYD-SB1020D1**

Cancellous block 10 x 20 x 3 mm 1 pc

**XYD-SB1020F1**

Cancellous block 10 x 20 x 6 mm 1 pc

**XYD-CM2525A1**

Cortical membrane 25 x 25 x 0.2-0.4 mm 1 pc

**XYD-CP2525C1**

Cortical plate 25 x 25 x 0.5-1 mm 1 pc

A small, square, porous cancellous plate is shown in the bottom left corner of the page, resting on a dark surface.

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**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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