



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.



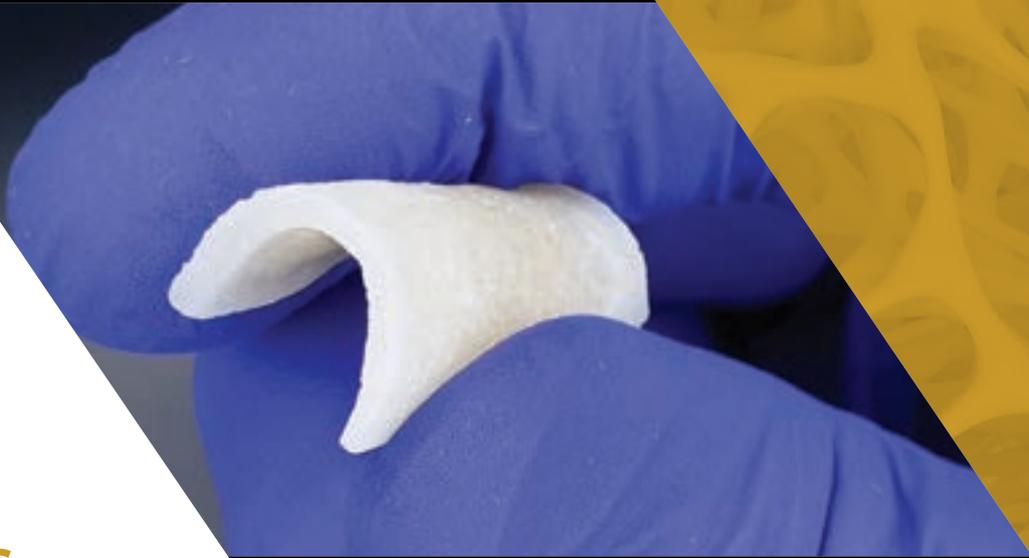
Partially demineralized
flexible grafts

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 large, stylized white outline logo of 'xenys' in a lowercase sans-serif font, with 'DEM' in a smaller, bold, uppercase sans-serif font directly below it. The background is a yellow-orange gradient with a faint, repeating pattern of the cancellous bone structure.



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 - info@tissyou.com