



# xenys

APATITE

Dental

# Main features

The excellent osteoconduction of **Xenys Apatite** allows for the formation of new vascularized bone tissue through its porous structure and the intergranular spaces, leading to rapid and complete graft osseointegration of the grafts.



*Composed only of pure natural porous bone mineral*

*No organic components*

*Excellent osteoconduction and maintenance of the implant volume*

*Optimal bone integration, slow resorption, and long stay in the implant site*

*Available in a wide range of formats, in single and multipack*

*Practical and clean management of the graft thanks to the filter-cap syringe that facilitates mixing with biological fluids*



# EstRem the patented tissue processing by Tiss'You

**Xenys** is the line of natural bone substitutes of equine origin developed and produced by Tiss'You, through its patented process EstRem (Esterification Cell-Removal Technology – patent n. WO2020058813A1).

This innovative "tissue processing" allows treating all the connective tissues of animal origin in a fast and efficient way, obtaining biocompatible tissue substitutes with all the fundamental biological characteristics for the regeneration process.

## The bone mineral Xenys Apatite



Natural porous bone mineral

**Xenys Apatite** is obtained by treating the equine bone granules with a thermos-catalysis process at a controlled temperature, following the EstRem procedure. In this phase the organic components of the bone tissue are completely eliminated.

**Xenys Apatite** is therefore composed of bone mineral only in the form of porous granules with a particle size of 250-1000  $\mu$ .

**Xenys Apatite** is available in vials up to 4.0 cc and in the special 0.5 cc filter-cap syringe that allows for the direct mixture of the granules with the patient's own blood and extremely practical handling of the graft.





Sinus lift with Xenys Apatite in filter-cap syringe.  
Courtesy of Dr. Gabriele Matera - Naples, Italy.

## Indications

Thanks to its slow resorption, **Xenys Apatite** is indicated in all those cases where it is desired to limit or delay the graft resorption to maintain its volume stable over time.



SINUS LIFT



SMALL AND LARGE BONY AUGMENTATIONS ALSO IN ASSOCIATION WITH AUTOLOGOUS GRAFTS, TO LIMIT THE REABSORPTION



FILLING OF EXTRACTIVE SOCKETS



**XYA-S001**

Cancellous granules (0.25-1 mm) 0.5 cc 1 pc

**XYA-S006**

Cancellous granules (0.25-1 mm) 0.5 cc 6 pcs

**XYA-S001S**

Cancellous granules in filter-cap syringe (0.5-1 mm) 0.5 cc 1 syr

**XYA-S003S**

Cancellous granules in filter-cap syringe (0.5-1 mm) 0.5 cc 3 syrs

**XYA-S011**

Cancellous granules (0.25-1 mm) 1.0 cc 1 pc

**XYA-S016**

Cancellous granules (0.25-1 mm) 1.0 cc 6 pcs

**XYA-S021**

Cancellous granules (0.25-1 mm) 2.0 cc 1 pc

**XYA-S026**

Cancellous granules (0.25-1 mm) 2.0 cc 6 pcs

**XYA-S041**

Cancellous granules (0.25-1 mm) 4.0 cc 1 pc

A large, stylized version of the Xenys Apatite logo. The word 'xenys' is written in a large, white, outlined sans-serif font, and 'APATITE' is written in a smaller, white, solid sans-serif font directly below it. The background is a teal color with a faint, repeating pattern of the cancellous granules.



**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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