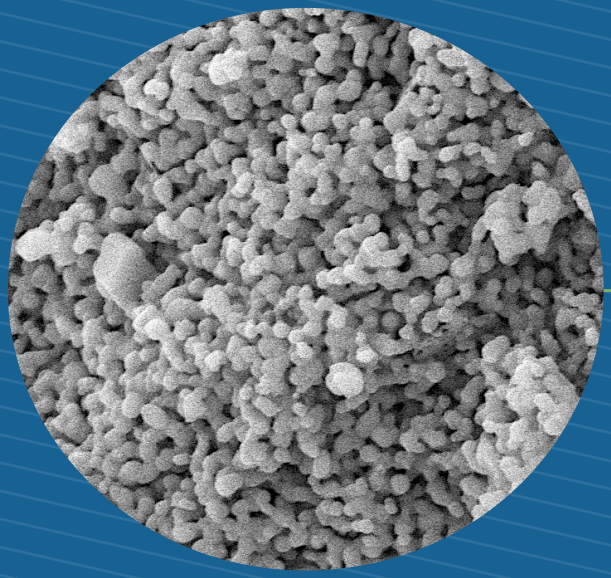
W-bone™

Faster remodelling your patients need



x10,000
magnification

Long-term stability you expect

wishbone-biotech.com

W-bone™

Safeguarding the long-term integrity of surgical outcomes.

Pure, safe and stable

Clinical indications

- Filling of extraction sockets to enhance preservation of the alveolar ridge
- Elevation of the maxillary sinus floor
- Augmentation or reconstructive treatment of the alveolar process
- Filling of infrabony periodontal defects
- Filling of periodontal defects in conjunction with products intended for guided tissue regeneration and bone regeneration
- Filling of defects after root resection, apicectomy and cystectomy
- Filling of peri-implant defects in conjunction with products intended for guided bone regeneration

W-bone™ product range:

W-bone™ bovine xenograft consists of particles ranging in diameter from 0.25 to 1mm.

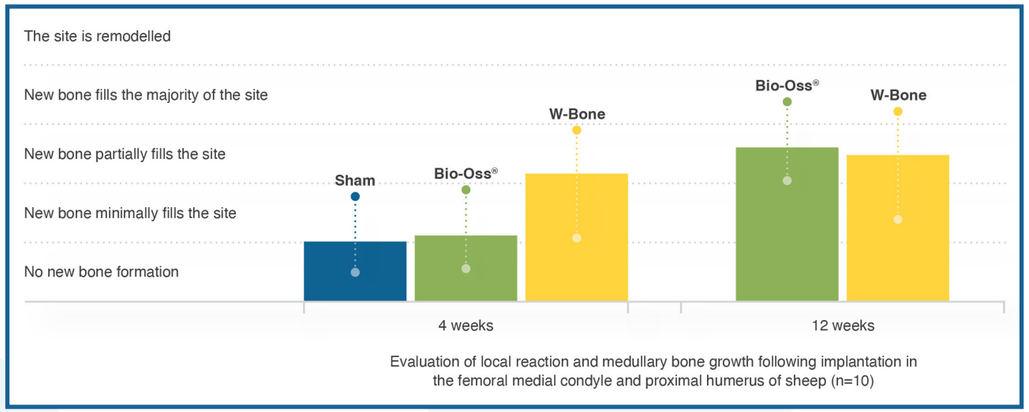
Available in the following weights:

Product Name	Size (mm)	Mass (g)	Volume (cc)
WHA025	0.25-1.0	0.25	0.5
WHA050	0.25-1.0	0.5	1.0
WHA100	0.25-1.0	1.0	2.0
WHA200	0.25-1.0	2.0	4.0

Distinct composition and surface chemistry

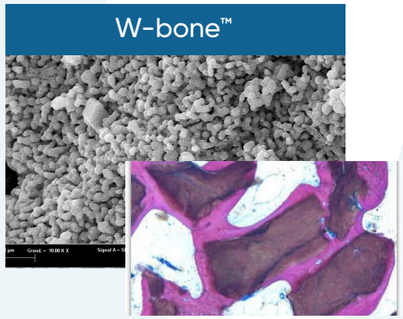
The distinctive healing properties of W-bone™ are attributed to its unique composition and surface chemistry. The presence of larger pores, measuring up to 2000nm, enables increased protein absorption and filopodia-mediated cell attachment, thereby enhancing permeability and providing greater scope for graft cell adhesion, interaction and healing.

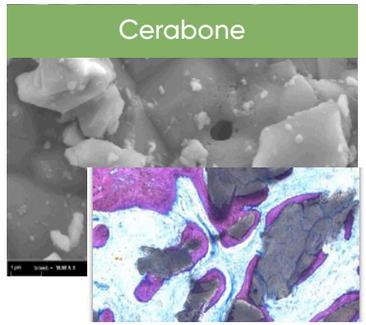
W-Bone™ bovine bone grafts are crafted entirely in Belgium, from inception, through patented production, to the final FDA-approved product.



Evaluation of local reaction and medullary bone growth following implantation in the femoral medial condyle and proximal humerus of sheep (n=10)

Take a closer look at what you're missing





*Equivalent material sintered at 1200C

Same magnification - a world of difference!

SEM comparison of W-Bone and Cerabone at high magnification reveals Cerabone's surface smoothing due to high sintering temperatures at the point of manufacture, compared to W-Bone's patented production process, which maintains the rough surface topography and enhanced osteoconductive qualities of the W-Bone graft.

W-bone™

Patented Manufacturing

W-Bone utilises a patented manufacturing method that effectively preserves bovine bone's mechanical and biological properties.

Enhanced Mineralisation

W-Bone is distinguished from its commercial counterparts by its surface chemistry, high surface roughness enhances W-Bone's graft mineralisation and promotes successful implant osseointegration.

US FDA & ISO Standards

W-Bone adheres strictly to the guidelines established by the US FDA and is certified to the ISO 13485 standard, having also undergone successful testing in accordance with the ISO 10993 series.

Larger Porosity 50-2000nm

The unique composition of W-Bone, with larger pores up to 2000mm in size, enhances nutrient absorption and contributes to its exceptional healing properties.

Safe

W-Bone safety is guaranteed through its patent-protected manufacturing process, ensuring the complete deactivation of all harmful organic components.

Clinician Informed

W-Bone's bovine bone grafts result from the expertise of a team of professors from the University of Liège who are specialists in guided bone regeneration.

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