

Ovis XENO-P & TRM

 Ovis XENO-P	Type	Size(mm)	Weight(g)
	Vial type	S (0.25-1.0)	0.15/0.25/0.5/1.0
		L (1.0-2.0)	0.5/1.0

Type			
 PM1224A 12mmx24mm	 PM2530A 25mmx30mm	 PMB2325 25.16mmx23.56mm	
 PM1424A 14mmx24mm	 PM3040SA 30mmx40mm	 PN2029(No Titanium) 29mmx19.82mm	 PMB2029 29mmx19.82mm
 PM1725A 17mmx25mm	 PM3040A 30mmx40mm	 PMB2127 27mmx21.44mm	
 PM2025A 20mmx25mm	 PM2536A 36mmx25mm	 PMB2530 30mmx24.9mm	 PMB2025 20mmx24.9mm
 PM1319A 13mmx19mm	 PM3041A 41mmx30mm	 PMB2028 20mmx28.4mm	 PMB2830 30mmx28.4mm
 PM1318A 13mmx18mm	 PMB2021 20.71mmx19.8mm	 PN2025(No Titanium) 20mmx25mm	 PN2530(No Titanium) 25mmx30mm
		 PN3040(No Titanium) 30mmx40mm	



Tel. +82-1899-2804 | Fax. +82-53-583-2806
99, Seongseoseo-Ro, Dalseo-Gu, Daegu, Korea



Tel. +1-323-677-4363~5 | Fax. +1-323-677-4366
6 Centerpointe Drive, Suite 600 La Palma CA 90623



Tel. +021-5111-3828 | Fax. +021-5111-3828
上海市长宁区中山西路933号2205室

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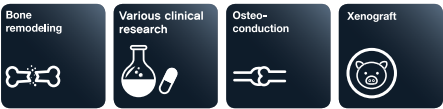


New
Product

 **XENO-P & TRM**
Bone Graft & Membrane Materials



Ovis XENO-P



Composition

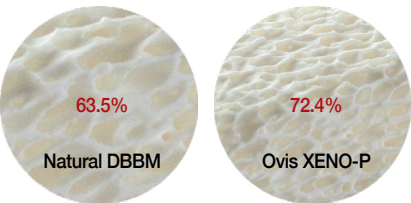
OVIS XENO-P is a heterogeneous bone graft made of pig bone which is composed of **100% deproteinized porcine cancellous bone**.

- Uses pig cancellous bone, which is most similar to human tissue and exhibits excellent biocompatibility and regenerative power.
- Low temperature sintered special processing technology preserves the inherent structure and completely removes organic substances to ensure the specificity and safety of raw materials.

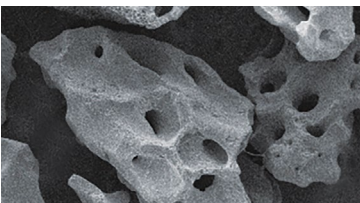
Features

- Safety from Mad cow disease or Creutzfeldt-Jakob disease
- Good hydrophilic property and permeability
- Maintain surface and pore shape of natural bone with special processing technology
- The most similar porosity to human bone
- Excellent biocompatibility and bone regeneration

Porosity



Microstructure

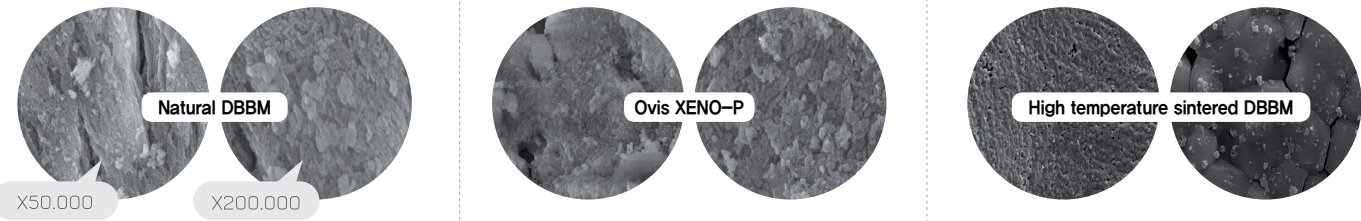


Cohesiveness



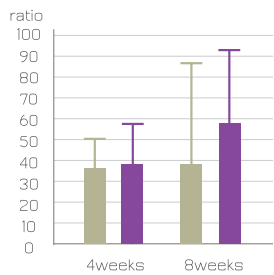
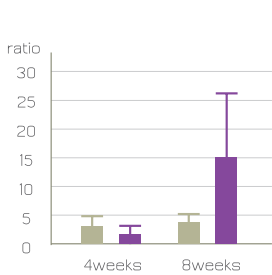
- The most similar porosity and form to human bone porosity (76.5%), facilitating vessel penetration and host tissue aggregation.

Bone surface (SEM analysis)

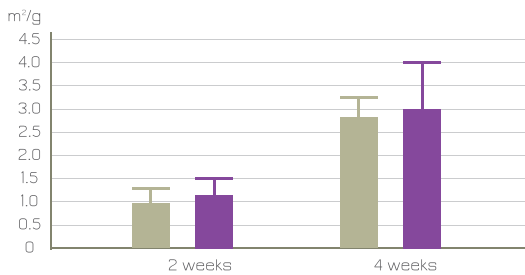


- Ovis XENO-P maintains natural form such as rough surface structure and porosity of natural bone.
- The surface structure of the sintered DBBM is a relatively smooth surface, which differs from the original shape.

Bone Regeneration Test



Newly formed Bone



- Ovis XENO-P shows excellent quality of bone with high proportion of lamellar bone.
- It shows higher bone formation capacity than the natural DBBM and excellent new bone formation ability from 8 weeks after the start of the experiment.

※ DBBM : Deproteinized Bovine Bone Mineral

Ovis TRM



Composition

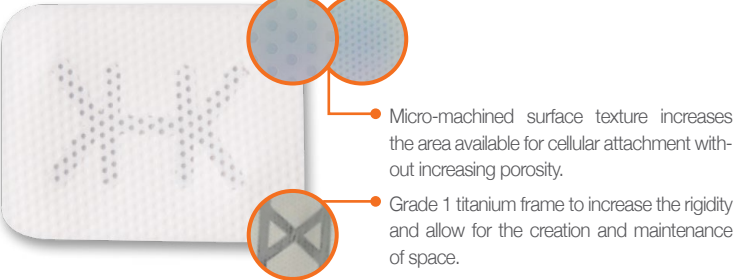
Ovis TRM is a non-absorbable membrane made of **Microporous d-PTFE + Titanium / Non-Titanium**.

- Microporous d-PTFE facilitates the absorption of plasma proteins during cell attachment and transplantation to the surface while preventing bacterial infiltration.
- Reinforced Titanium retains the space of bone defect.

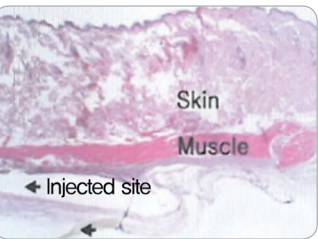
Features

- Great handling and space formation ability
- Prevention of bacterial and cellular infiltration by micro porous
- Primary closure is not required (Open membrane technique)
- 23 different shapes and sizes
- Easy to fix screw or pin
- Nutrients available for bone regeneration through the membrane
- Easy removal with minimal incision or no incision

Strong surface adhesion



Animal test



- Skin inflammation was not observed at the injection site for 72 hours in both test and control groups.

Indication for use

