

The Most Human Bone-like Xenograft Bone Material (Bovine Bone Substitute)

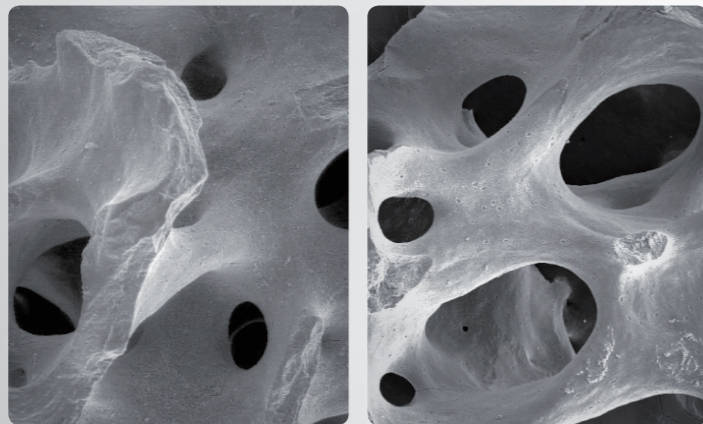
A-Oss

- Pore and surface structures that facilitate osteogenesis
- Outstanding blood wettability promotes osteogenesis
- Outstanding volume maintaining properties are appropriate for use in esthetic areas

Pore and Surface Structures that Facilitate Osteogenesis

- Three-dimensional micropores facilitate inflow of blood and
- Rough surface structure helps attachment of abundant osteoblasts

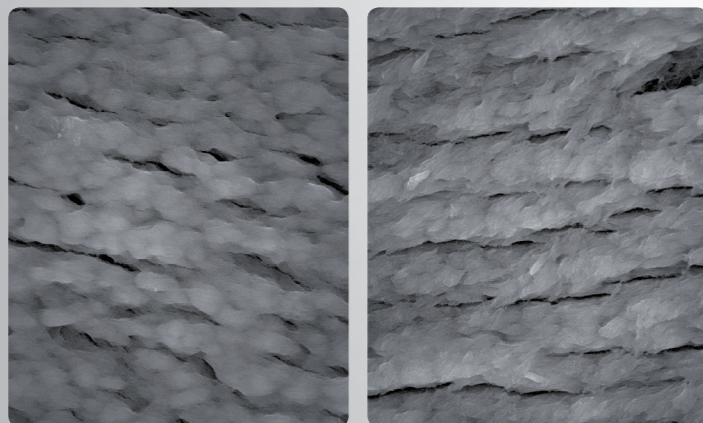
Pore Structure (x50)



Human Bone

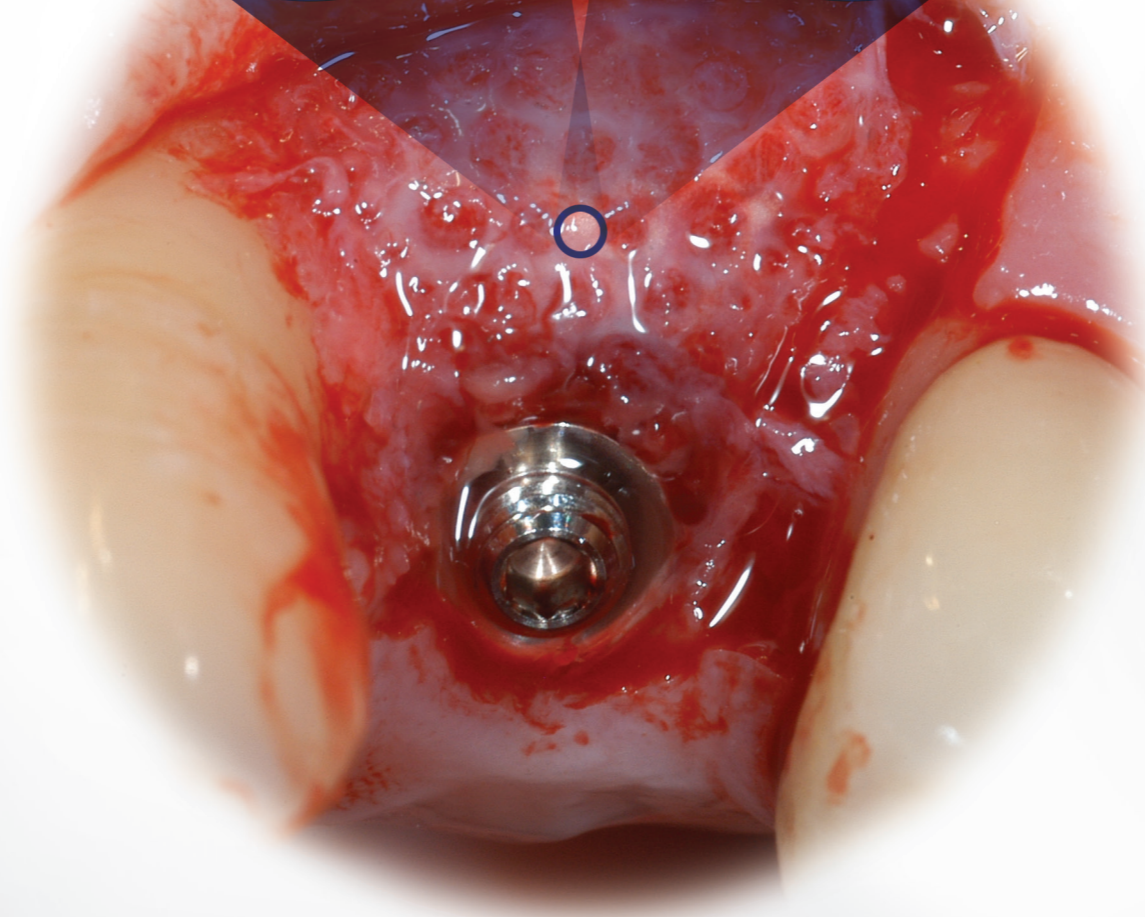
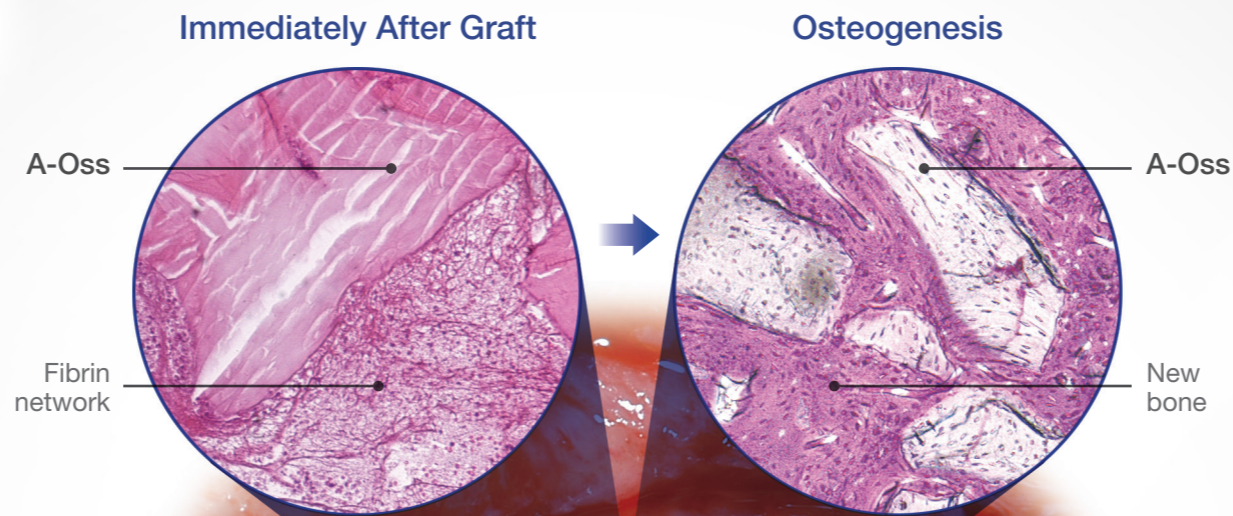
A-Oss

Surface Structure (x5,000)



Human Bone

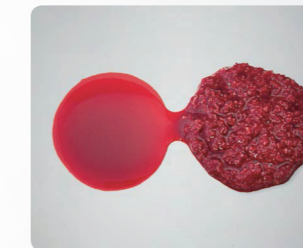
A-Oss



Outstanding Blood Wettability Promotes Osteogenesis

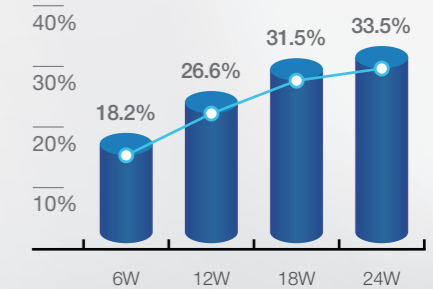
- Outstanding pore structure provides excellent blood wettability
- Osteoblasts in blood forms large quantity of bone

Blood Permeability



1.0cc of A-Oss can contain 1.0cc of blood

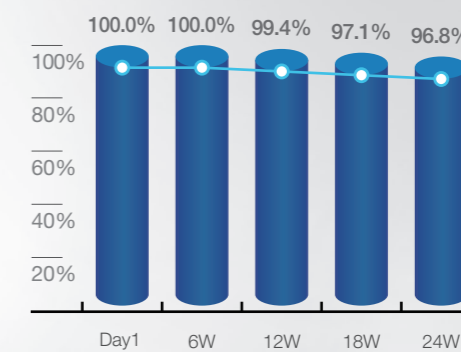
Osteogenesis



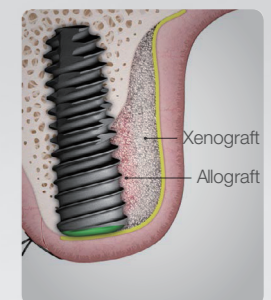
Outstanding Volume Maintaining Properties are Appropriate for use in Esthetic Areas

- Stable maintenance of blood during osteogenesis period
- Appropriate for anterior part where maintaining volume is critical
- Stable volume maintenance even when used with allograft or synthetic graft


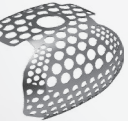
Change of Graft Volume



May be Combined with Other Grafts



Osstem GBR Line-Up

Bone Graft Material				Membrane			Builder			
Allograft		Xenograft		Synthetic Bone Graft		Absorbable	Non-Absorbable	Non-Absorbable		
Powder / Chip	DBM	Block Bone	Powder / Chip	Collagen	Powder / Chip	Collagen	Human Dermis	PTFE	Titanium	
 SureOss Cortical 100%	 SureOss-D DeminerIALIZED cortical 100%	 SureFuse DeminerIALIZED/gel, putty type	 Genesis	 A-Oss Bovine bone	 OssBone Porcine bone	 Q-Oss+ TCP 80% + HA 20%	 OssGuide Porcine collagen	 SureDerm Human dermis	 Cytoplast Densed PTFE	 OssBuilder 3D pre-formed titanium membrane
 CANOSS Cancellous 100%	 OsteOss Cortical 50 + cancellous 50%	 ExFuse DeminerIALIZED + cancellous/gel, putty type			 Bongros HA100%		 Cytoplast RTM Bovine collagen			
 Ingross DeminerIALIZED + cortical		 BellaFuse Sheet type, deminerIALIZED								