

The Most Similar Bone Graft Material to The Human Bone (Bovine Bone Substitute)

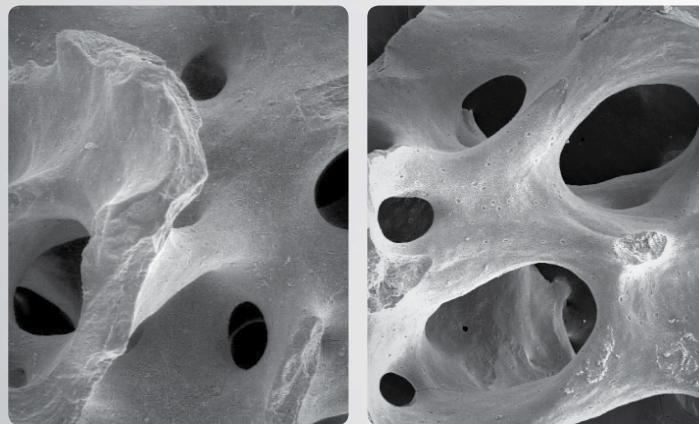
A-Oss

- Pore & surface structure favorable for new bone formation
- Many new bone formation with excellent blood flow
- Suitable for esthetic use with excellent volume maintenance

Pore & Surface Structure Favorable for New Bone Formation

- Three-dimensional micro-pores allow excellent inflow of blood and osteogenic cells
- Possible to attach many osteogenic cells by rough surface structure

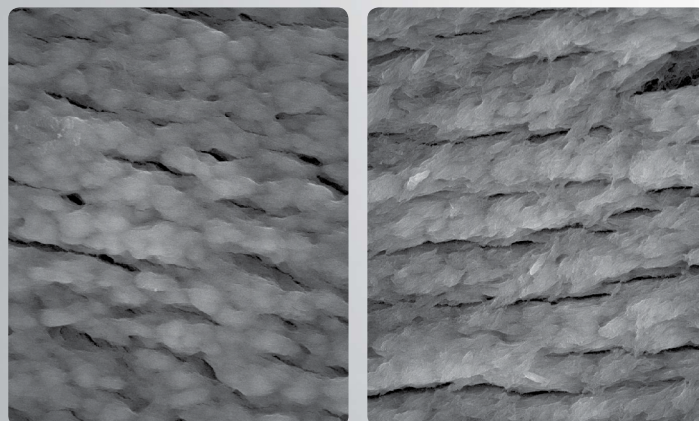
Pore Structure (x50)



Human bone

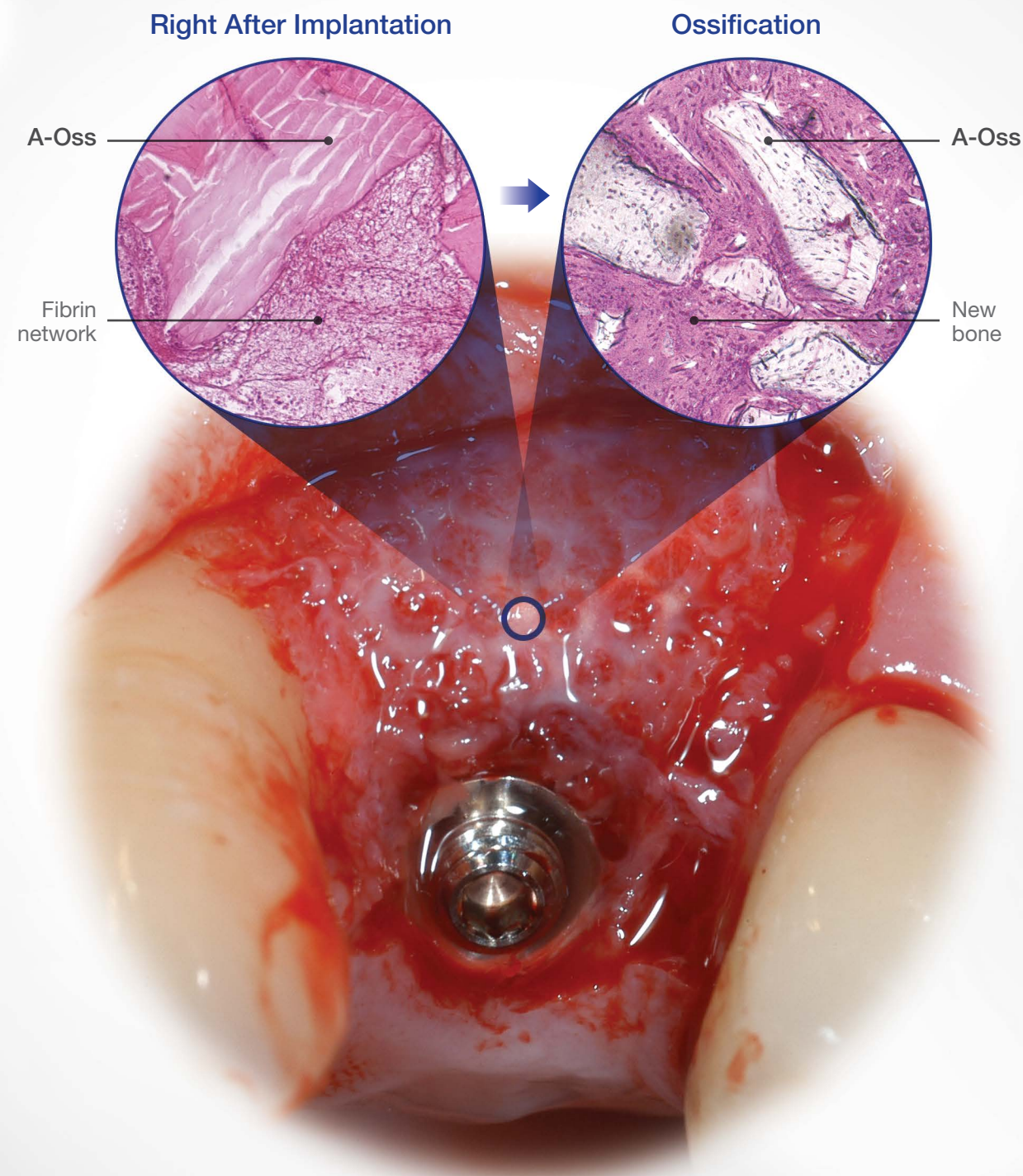
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Surface Structure (x5,000)



Human bone

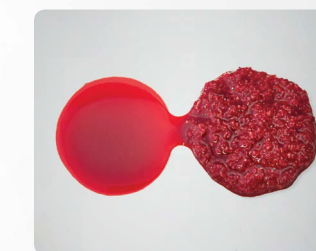
A-Oss



Many New Bone Formation with Excellent Blood Flow

- Exceptional pore structure provides high blood wettability
- Osteogenic cells contained in the blood create many new bones

Blood Wettability



Soak in 1.0 cc blood

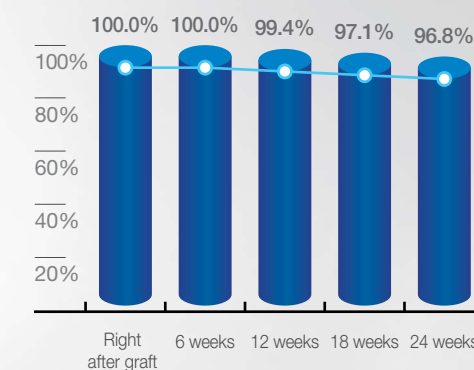
New Bone Formation Volume



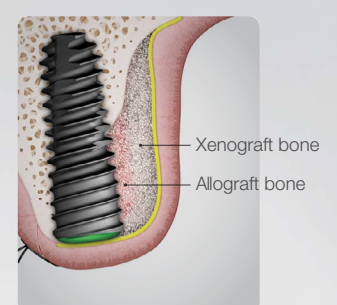
Suitable for Esthetic Use with Excellent Volume Maintenance

- Maintain a stable volume during new bone formation
- It is advantageous for anterior procedure requiring volume maintenance
- Maintains stable volume even when mixed with allograft or synthetic bone

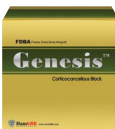
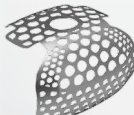
Variation of Graft Material Volume Maintenance



Mixed Use with Other Graft Material



Osstem GBR Line-Up

Bone Graft Material						Membrane			Builder	
Allograft Bone				Xenograft Bone		Synthetic Bone	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 Demineralized cortical 100%	SureFuse Demineralized/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 Demineralized + cancellous/gel, putty type				Bongros HA100%	Cytoplast RTM Bovine collagen			
										
Ingross Demineralized + cortical		BellaFuse Sheet type, demineralized								