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

OSSTEM IMPLANT

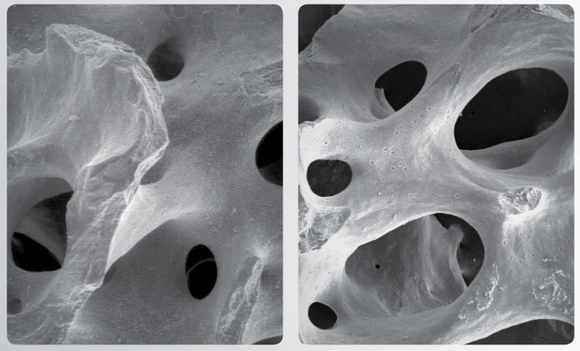
A-Oss

- 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

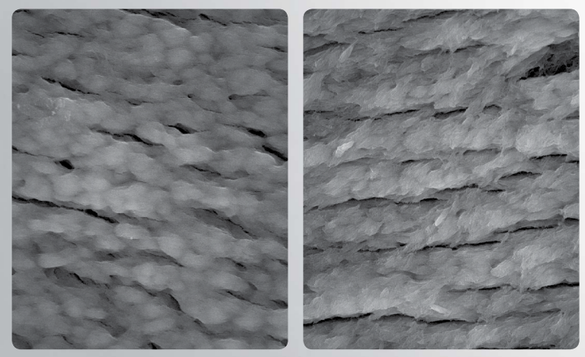
- Three-dimensional micro-pores allow excellent inflow of blood and osteogenic cells
- Possible to attach many osteogenic cells by rough surface structure

Pore Structure (x50)

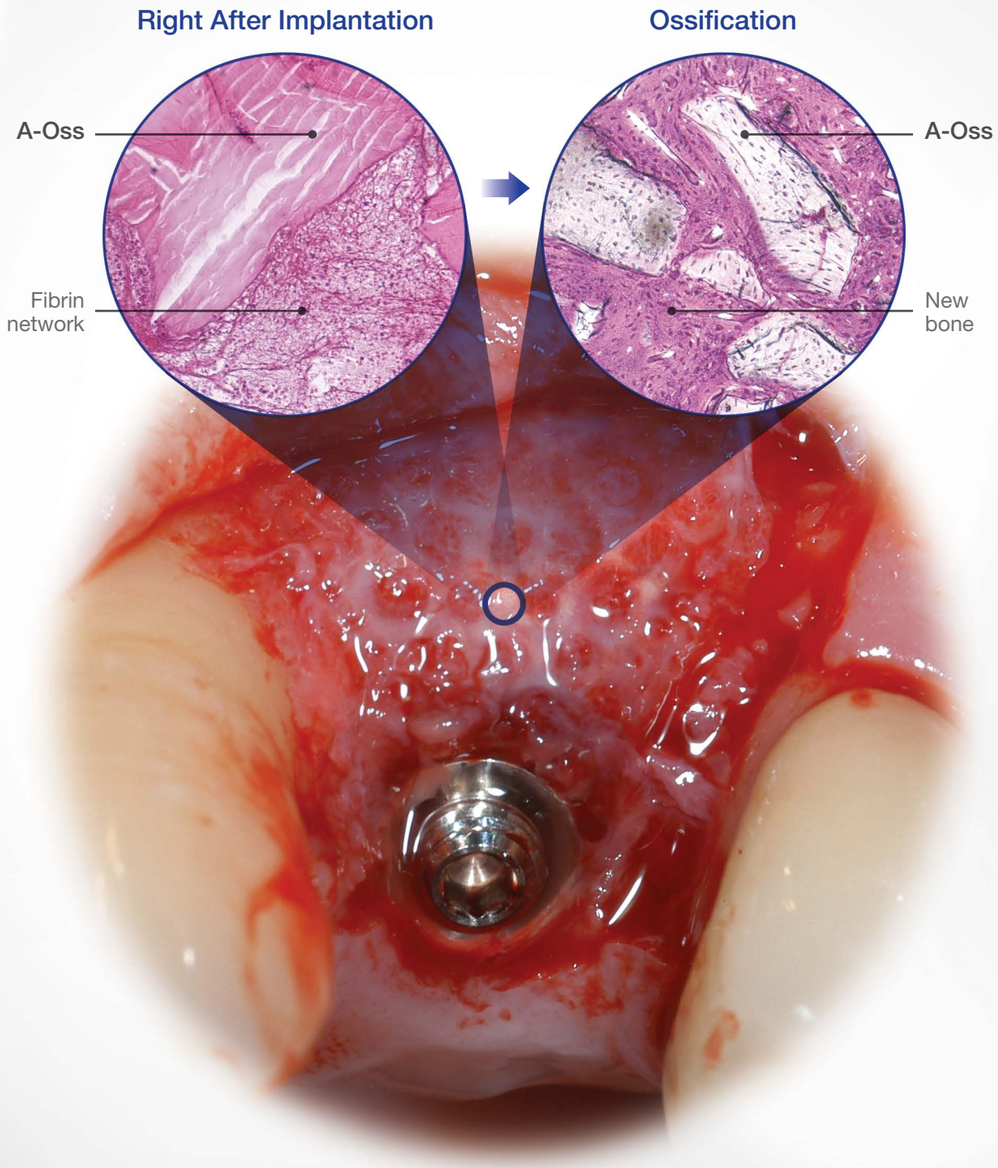


Human bone | **A-Oss**

Surface Structure (x5,000)



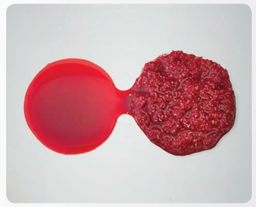
Human bone | **A-Oss**



Many New Bone Formation with Excellent Blood Flow

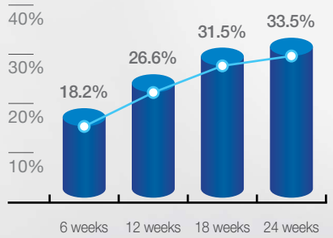
- Exceptional pore structure provides high blood wettability
- Osteogenic cells contained in the blood create many new bones

Blood Wettability



Soak in 1.0 cc blood

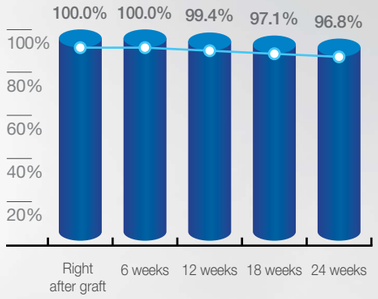
New Bone Formation Volume



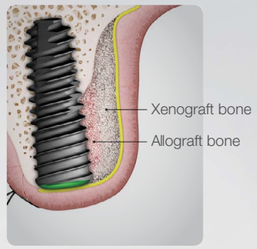
Suitable for Esthetic Use with Excellent Volume Maintenance

- 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



GBR Regeneration Solution

OSSTEM GBR Line-Up

Bone Grafting Materials

Allograft

Particle/Chip

SureOss

All-Bone FDBA

Xenograft

Particle

A-Oss

Collagen

A-Oss Collagen

PEN

A-Oss PEN

Alloplast

Particle

Q-Oss+

Impression Material

Heavy

Light

Mono

Putty

Bite

Membrane

Resorbable

Collagen

OsssMem Hard

OsssMem Soft

Cytoplast RTM

OssGuide

Non-resorbable

PTFE

Cytoplast PTFE

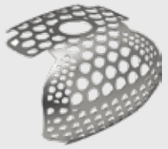
PTFE + Titanium

Cytoplast TI

Builder

Non-resorbable

Titanium



OssBuilder

Fixation to Membrane

KIT

GBR KIT

OssBuilder KIT

Screw

Sterilized (single supply)

Bone Tack

Bone Screw

Non-sterilized (5EA)

Bone Tack Bulk

Bone Screw Bulk

Suture

Non-resorbable

Cytoplast PTFE

Blue Nylon

Resorbable

MonoFit