

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

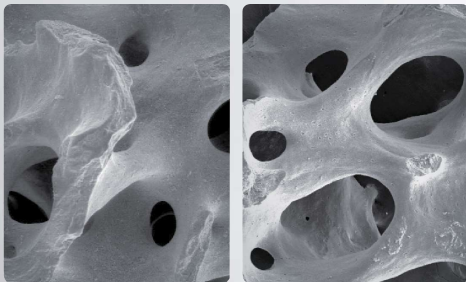
# A-Oss

- 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

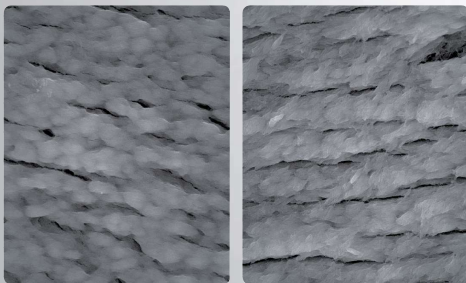
### Pore Structure (x50)



Human Bone

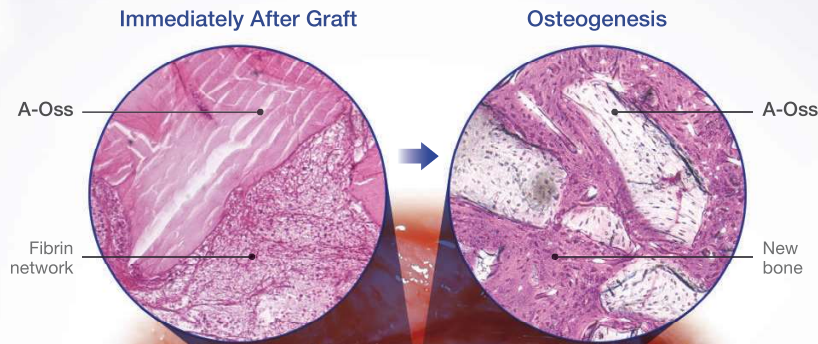
A-Oss

### Surface Structure (x5,000)



Human Bone

A-Oss



Fibrin network

New bone



## Outstanding Blood Wettability Promotes Osteogenesis

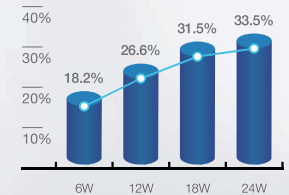
- Outstanding pore structure provides excellent blood wettability
- Osteoblasts in blood forms large quantity of bone

### Blood Permeability



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

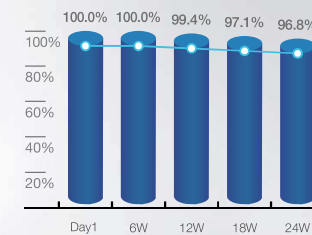
### Osteogenesis



## 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

