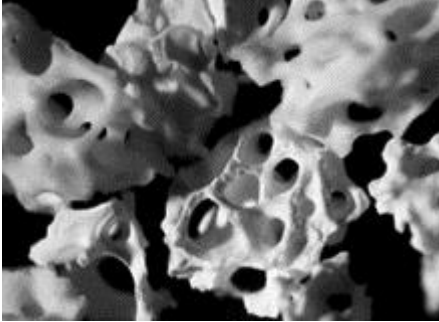


Feature

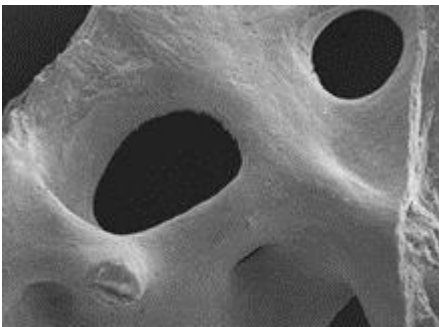
Feature 01. Multiporosity Structure



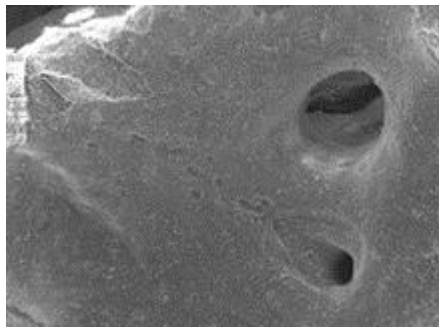
(multiporous cancellous image x 45)

Ti-oss is made from 100% cancellous bone without any cortical portion. Innovative pulverizing technique allows multiporous structure, maximizing blood vessel ingrowth.

Feature 02. Pore size



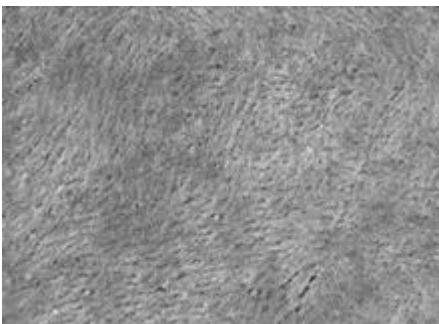
(Ti-oss SEM image x 100)



(A Co. SEM image x 100)

Average Ti-oss pore size is more than three times of other world leading product. This advanced manufacturing technique permits rapid absorption of blood or saline into the block

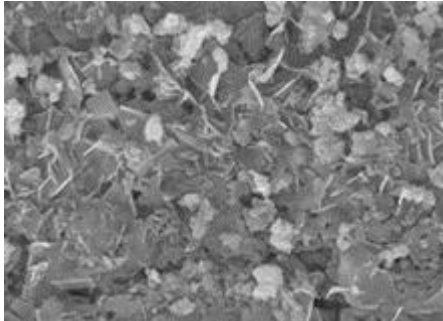
Feature 03. Osteoconductive surface



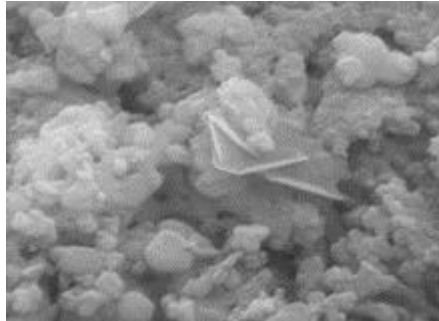
(SEM image x 3,000)

Low temperature processing technique allows ideal, natural surface topograph, the same as human bone, stimulating osteoblast activity. Vitrification phenomenon caused by high temperature process has been completely controlled.

Feature 04. Octacalcium phosphate crystal

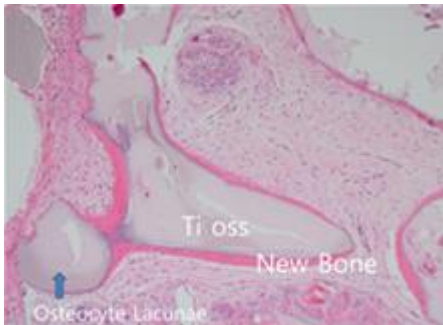


(SEM image x 10,000)



(SEM image x 50,000)

Pre HA structure, octacalcium phosphate crystal is found on the surface of Ti-oss, resulting in fast bone formation.



Biopsy Result

Feature 05. Large volume



(comparison of CC per gram)

Unique 100% multiporous cancellous nature offers higher quantitative mass volume per gram unit, compared to other nonporous product. This leads to less material cost.