

Comparison of Ti-oss and Bio oss in new bone formation on Rat calvarial defect in 8 weeks

Korea University Hospital, Dental division
Oral and maxillofacial department

Jun, Sangho, DDS

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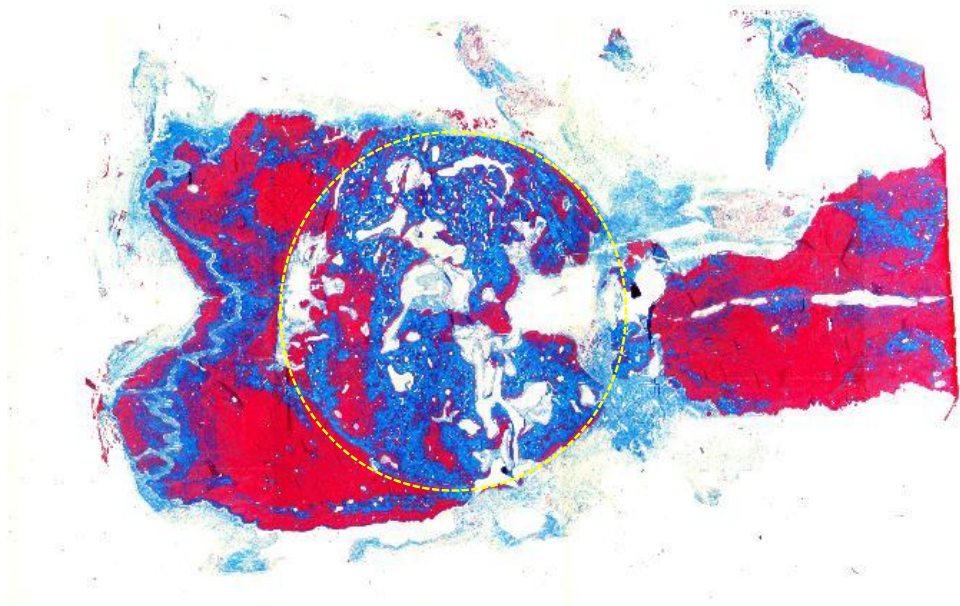
Ti-oss showed better bone formation than Bio oss in 8 weeks period on rat calvarial defect.

6 Rat calvarial defects were made with trephine bur and each 3 defects were filled in with Ti-oss and Bio oss. 8 weeks after, they were sacrificed and tissue slides were made to examine the new bone formation from the defect border. (horizontal section)

Blue color; new cancellous bone Red color; remodeled cortical bone

Ti-oss made new bone formation to the center of the trephine defect.

#1 Ti-oss



Bio oss made new bone formation to the half way to the center of the trephine defect.

#5 Bio oss

