

# NOVABONE®

*Bioactive Synthetic Graft*

## **Highly Osteoconductive:**

For a material to be osteoconductive it must provide a scaffold for the ingrowth of bone. During the ionic dissolution of NovaBone, the surface of the particles is modified creating a favorable environment for osteoblasts.

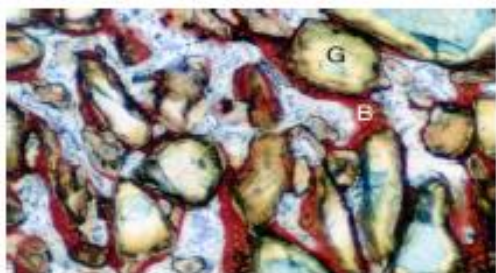
***NovaBone has shown that it does grow bone faster than osteoconductive materials such as calcium phosphate bone graft substitutes.***

*\* Oonishi, et al Clinical Orthopaedics, Jan 1997. pp. 316-325.*

Procedure – 6mm diameter defect in distal femur of New Zealand White Rabbit.

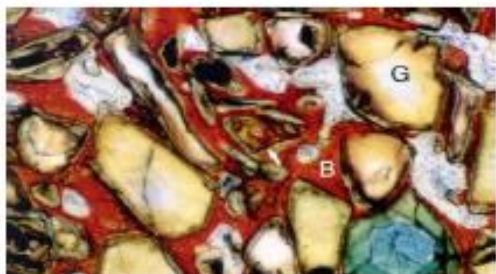


Immediate  
Post-op



4 weeks

Results – At 4 weeks, new bone formation (B) visible around individual particles of NovaBone(G) and defect.



12 weeks

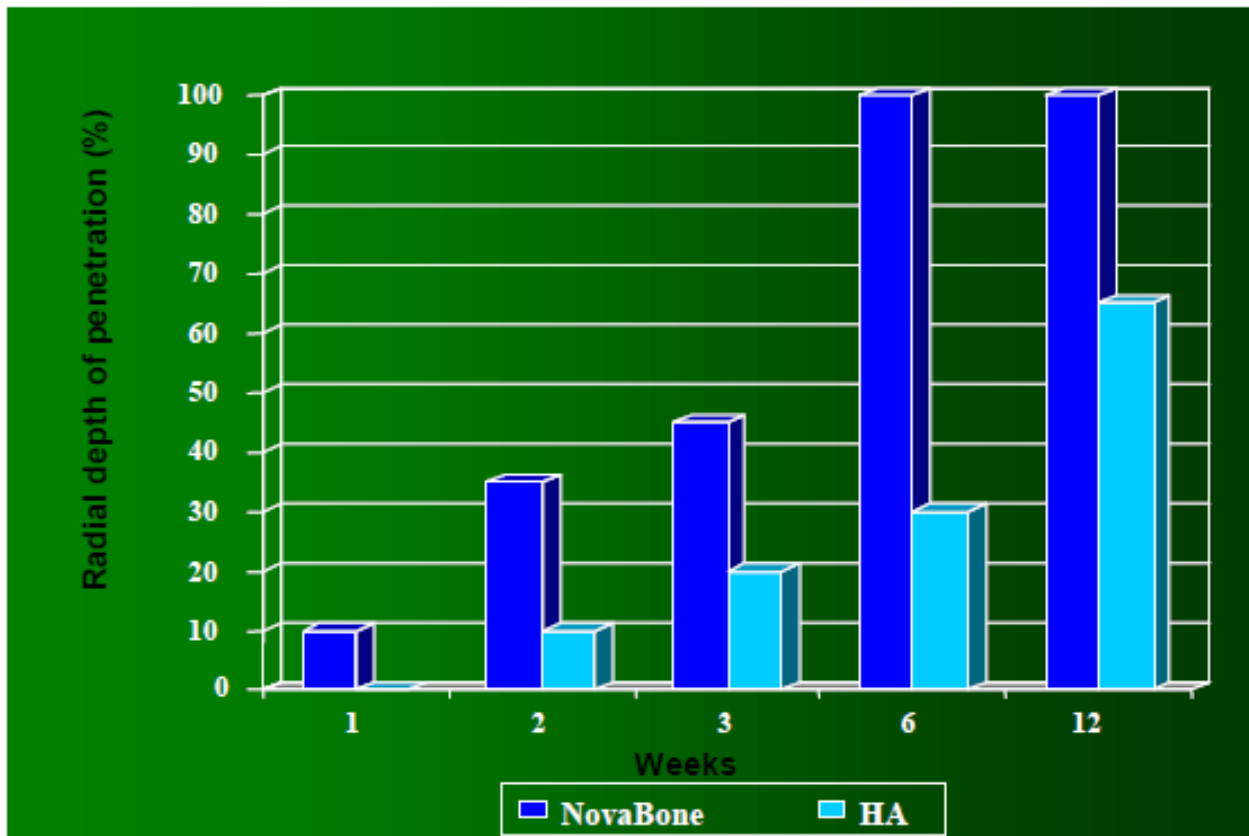
Results – At 12 weeks, increased bone formation (B) New bone , (G) NovaBone particles

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### New Bone Penetration Into Defect



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