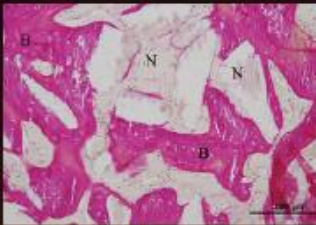
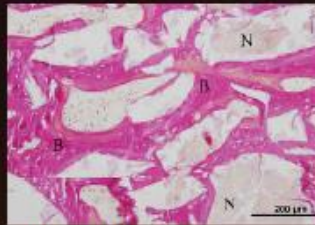


Proven Bone Formation

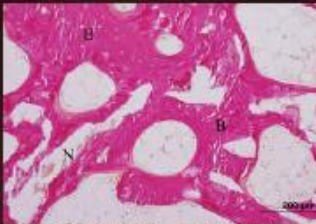
NovaBone Putty and NovaBone particulate were shown to be substantially equivalent in a rabbit femoral condyle defect study in terms of bone formation and material absorption. In the same model, both materials grew significantly more bone than Actifuse. The NovaBone devices also showed continued absorption during the 12 week study, while Actifuse showed no absorption between six and twelve weeks.



NOVABONE PARTICULATE AT 6 WEEKS



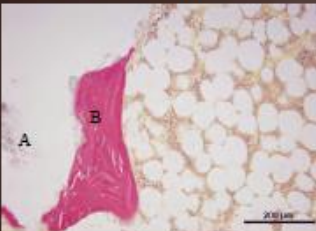
NOVABONE PUTTY AT 6 WEEKS



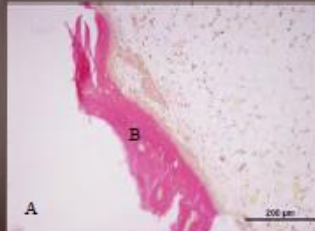
NOVABONE PARTICULATE AT 12 WEEKS



NOVABONE PUTTY AT 12 WEEKS



ACTIFUSE AT 6 WEEKS



ACTIFUSE AT 12 WEEKS

B – Formation of New Bone
 N – Residual NOVABONE Particulate or Putty particles
 A – Residual ACTIFUSE material

Data from rabbit implantation studies demonstrating bone formation and absorption characteristics of NovaBone, NovaBone Putty, and Actifuse.

Treatment	Percentage Total New Bone Area	
	6 weeks	12 weeks
NovaBone Putty	48.00 ± 5.89	29.95 ± 6.44
NovaBone	46.01 ± 6.897	36.37 ± 5.96
Actifuse	11.09 ± 4.69	11.63 ± 3.87

Treatment	Percentage Implant Material Area		
	0 weeks	6 weeks	12 weeks
NovaBone Putty	68.17 ± 6.26	17.97 ± 4.75	2.95 ± 1.02
NovaBone	63.45 ± 2.38	22.22 ± 3.82	2.00 ± 1.26
Actifuse	23.96 ± 3.56	19.84 ± 12.01	19.66 ± 8.71