

teebone

by Medibrex

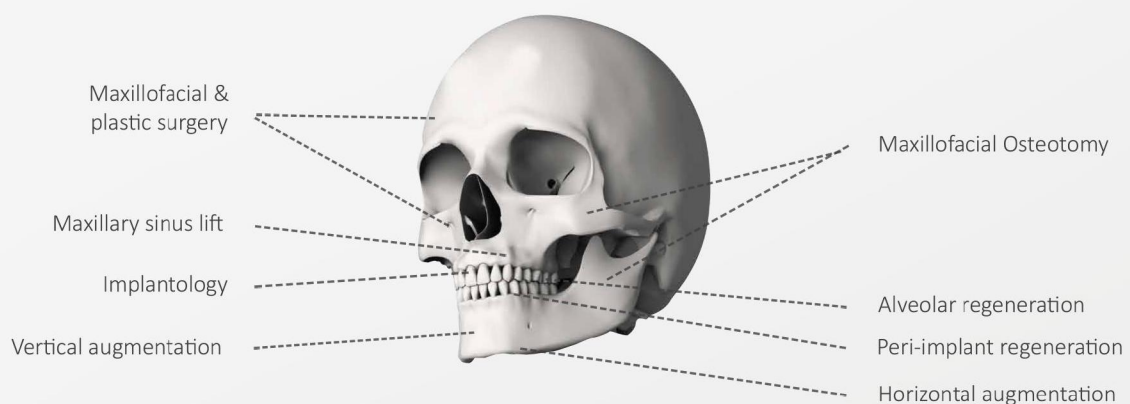


teebone is an osteoconductive alloplastic material designed for bone substitution. Its biphasic nature allows a controlled resorption profile similar to human bone.

Due to its composition, 75% Hydroxyapatite and 25% Beta tricalcium phosphate, teebone generates new bone through two different stages of activation. The breakdown of B-TCP by the osteoclast will free ions that enhance bone grow, while the hydroxyapatite acts as support for the bone ingrow within the graft, being slowly substituted.



Indications



Key Features & Benefits



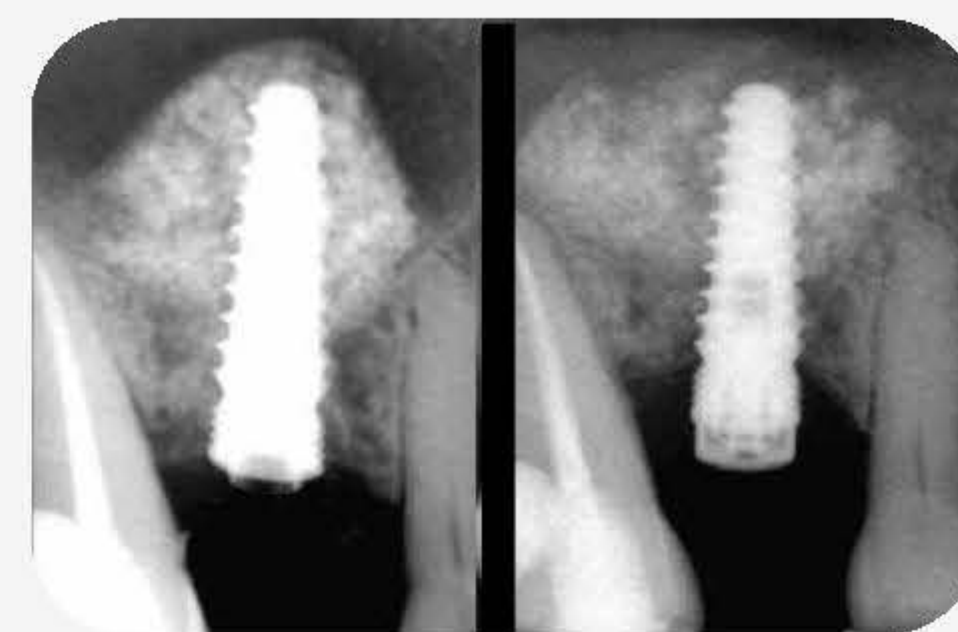
No Membrane

It is not necessary to use membrane, due to its physical and mechanical properties.



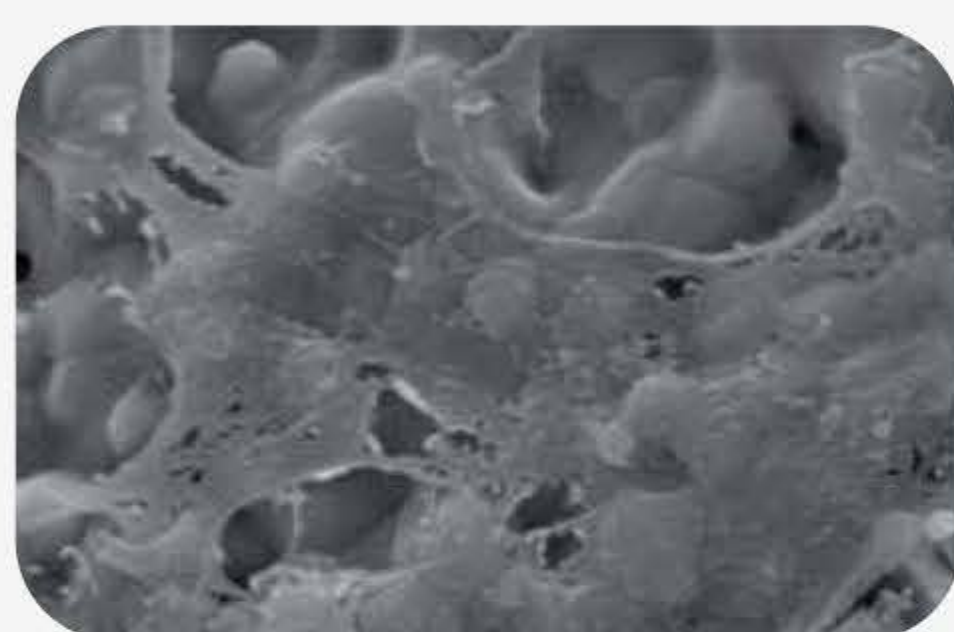
Easy Handling

teebone is very hydrophilic which confers an excellent cohesivity between the particles.



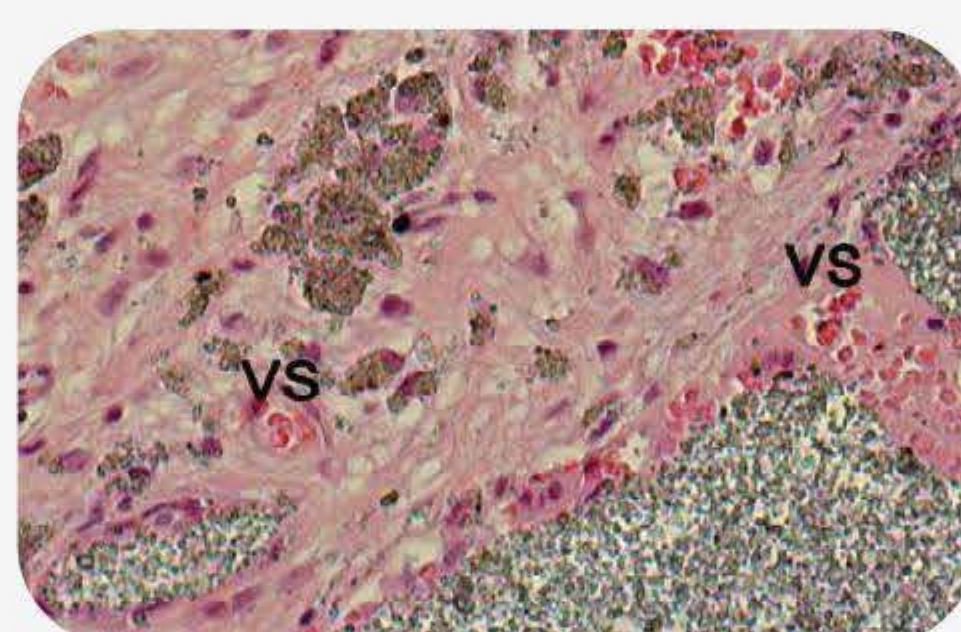
Total Resorption

teebone is replaced by new vital bone within 6-24 months.



Security

100% synthetic and 100 % resorbable.



Vascularization

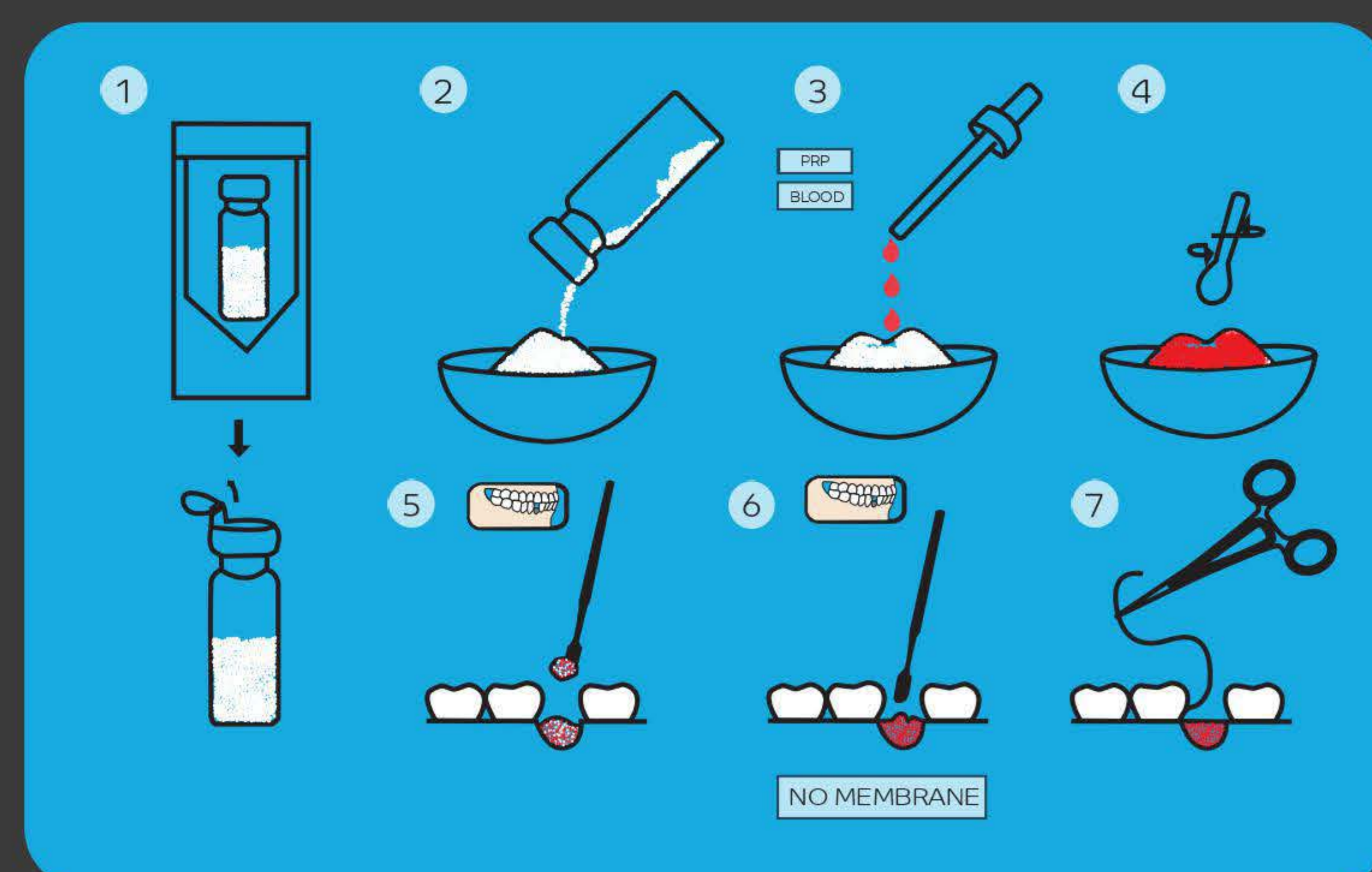
teebone induces a remarkable vascularization.



Radiopaque

Allows the perfect monitorization of osseointegration.

References	Geometry	Range Size	Quantity
TEB010505P TEB050105P	Granules	0.1 - 0.5 mm 0.5 - 1 mm	0.5g x 5 Units



References:

- C. M. S. Ranito, F. A. Oliveira, J. P. Borges, Mechanical behaviour of dense hydroxyapatite blocks, Advanced Materials ForumIII, Vol 514-516, 1083 (2006);
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- C. M. S. Ranito, F. C. Oliveira, J. P. Borges, Hydroxyapatite foams for bone replacement, Key Mater. Eng. 284-286 (2005) 341-344;
- C. M. S. Ranito, Fabrication of Hydroxyapatite foams bone medical applications, SPM, vol 15, nº3/4 (2003) 2-15;

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