

Synergy for Success!

Hydroxyapatite

β -Tricalcium
phosphate



#01S0540

40% β -TCP | 60% Hydroxyapatite

R.T.R.+
Synthetic Bone Substitute
New Biphasic Formulations



R.T.R.+ 40% β -TCP / 60% Hydroxyapatite:

New bone formation forms at the same pace as natural bone

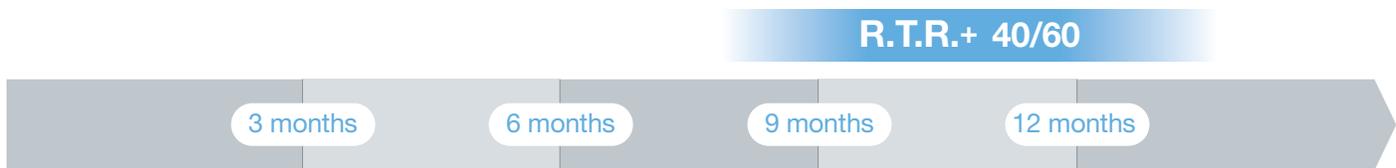
Features

- Ideal osteogenic matrix: designed through a special manufacturing process
- Fully synthetic and resorbable
- Hydroxyapatite & β -Tricalcium phosphate are both fully resorbable

Benefits

- Micro and macroporous structure mimics human bone
- Offers a high success rate with no risk of disease associated ^(1,2,3,4)
- Will gradually generate new natural bone ^(5,6)

Resorption duration*



Indications

- Post-extraction socket preservation
- Periodontal defects
- Intrabony defects
- Peri-implant defects
- Sinus lift
- Ridge augmentation
- Cystic cavities



#01S0510 15x20 mm
#01S0520 20x30 mm

Packaging:
1 membrane per box

Also available RTR Membrane: Type 1 bovine achilles tendon collagen

- Non friable matrix of condensed laminated sheets in cross-section and a textured surface
- Paperwhite in the dry state; translucent and non-slippery when wet
- Biocompatible and well tolerated with no adverse healing effects

* Expected resorption duration depending on the surgical indication and the patient's health status.

(1) Ransford - 1998 - "Synthetic porous ceramic compared with autograft in scoliosis surgery 341 patient randomised study" The Journal of Bone and Joint Surgery. (2) Pascal - Mousellard - 2006 - "Anterior Cervical Fusion With PEEK Cages: Clinical Results of a Prospective, Comparative, Multicenter and Randomized Study Comparing Iliac Graft and a Macroporous Biphasic Calcium Phosphate" North American Spine Society. (3) Lavallé - 2004 - "Biphasic Ceramic wedge and plate fixation with locked adjustable screws for open wedge tibial osteotomy". (4) Changseong - 2014 - "Eight-Year clinical follow-up of sinus grafts with Micro-Macroporous biphasic calcium phosphate granules" Key Engineering Materials. (5) R.Z LeGeros et al. - 1988 - "Significance of the Porosity and Physical Chemistry of Calcium Phosphate Ceramic Biodegradation - Bioresorption" Journal of Materials Science: Materials in Medicine. (6) Clemencia Rodriguez et al. - 2007 - "Five years clinical follow-up bone regeneration with CaP Bioceramics" Key engineering materials.

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Synergy for Success!

Hydroxyapatite

β -Tricalcium
phosphate



#01S0530

80% β -TCP | 20% Hydroxyapatite

R.T.R.+
Synthetic Bone Substitute
New Biphasic Formulations



R.T.R.+ 80% β -TCP / 20% HYDROXYAPATITE:

Helps natural bone formation in a short time

Features

- Ideal osteogenic matrix: designed through a special manufacturing process
- Fully synthetic and resorbable
- Hydroxyapatite & β -Tricalcium phosphate are both fully resorbable

Benefits

- Micro and macroporous structure mimics human bone
- Offers a high success rate with no risk of disease associated ^(1,2,3,4)
- New natural bone will generate at an accelerated pace ^(5,6)

Resorption duration*



Indications

- Post-extraction socket preservation
- Periodontal defects
- Intrabony defects
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