

THE SCIENCE OF BALANCED BONE REGENERATION

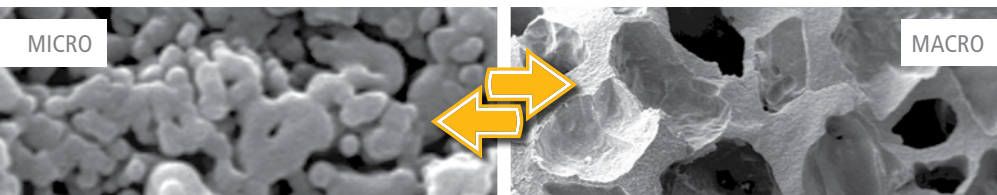
Eclipse™ Granules Synthetic Resorbable Bone Substitute

Using the mineral building blocks naturally found in human bone, Eclipse goes a step beyond the realm of everyday HA and TCP with its unique combination of micro and macroporosity technology.

- 80% β -TCP – calcium and phosphate ion release
- 20% HA – scaffold effect for osteoblastic activity

- 70% overall porosity
 - 2/3 macroporosity
 - 1/3 microporosity

Eclipse micropores assure interconnectivity of the porous network allowing diffusion of biological fluids throughout the graft. These fluids are necessary for the dissolution of the β -tcp causing the liberation and precipitation of calcium and phosphate ions. This initial step creates large specific surfaces able to catch and absorb the proteins and growth factors of the patient.



Then **Eclipse macropores** allow cells and tissue to colonize into the core of the implant resulting in bone formation through the natural osseous substitution process.



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*Innovative and unique solutions
to your surgical needs*



eclipse™
GRANULES
*Synthetic Resorbable
Bone Substitute*

*For patients who
express concerns with
allografts and xenografts*

•
*Completely remodels
to host bone*

•
25 years of clinical experience

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