



VELOCITY

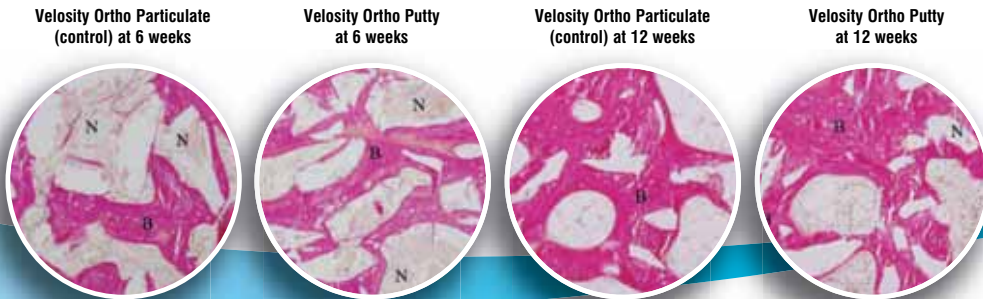
||| BIOACTIVE SYNTHETIC
GRAFT PUTTY

A bioactive **synthetic** bone for faster healing.

- **Velocity Ortho Putty is a 100% synthetic bioactive material composed from elements that occur naturally in the body. The carrier is rapidly removed from the site through enzymatic activity leaving behind a bioactive material capable of regenerating new bone from existing bone.**
- Velocity Ortho Putty is osteostimulative; defined as the active stimulation of osteoblast proliferation and differentiation due to ionic dissolution products released from Velocity during absorption.
- **Velocity Ortho Putty is the only synthetic material that can make this claim. Velocity Ortho Putty has exceptional handling characteristics. The bioactive synthetic easily forms into any shape, packs voids and will not stick to surgical gloves.**
- Velocity Ortho Putty will stay in place during irrigation. Surgeons can remain confident that the putty will not wash away ensuring bone growth at the desired site.

Proven Bone Formation

Velocity Ortho Putty was shown to be substantially equivalent to Velocity Ortho Particulate in a rabbit femoral condyle defect study. The critical sized femoral condyle model showed early bone formation at 6 weeks and mature bone at 12 weeks.

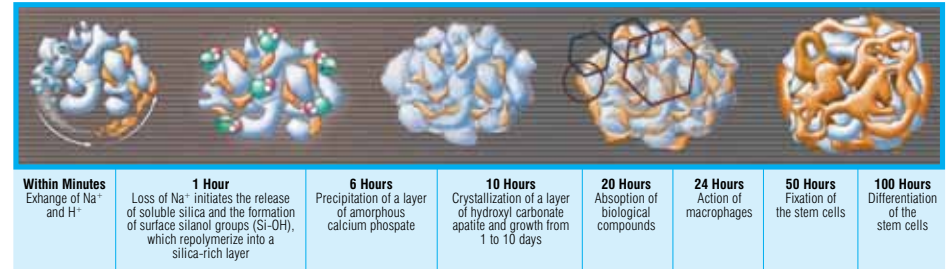


B = Formation of new bone
N = Residual Velocity Ortho Particulate



Excellent handling characteristics

Velocity Putty is user-friendly, ready-to-use biologically active synthetic with excellent handling characteristics. The formulation readily packs with autograft and other autogenous growth factors.



A timeline of bioactive healing

- Velocity Ortho Putty initiates a surface chemical reaction immediately upon introduction to the surgical site.
- **Ions released from Velocity Ortho Putty stimulate osteoblasts and modify the material's surface which attracts and binds the critical components for bone regeneration in the surgical site.**
- The ion release occurs continuously over time and is particularly critical in the initial weeks of healing. As the ion release progresses, the Velocity Ortho Putty material is transformed into an increasingly porous scaffold with a resulting increase in surface area. The ion release and surface modification combine to actually stimulate the osteoblasts involved in the repair process.

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PRODUCT INFORMATION

- **Velocity Ortho Particulate** 2.5cc
(2 per box)
- **Velocity Ortho Putty** 5.0cc



SECUROS is proud to offer Velocity to the veterinary surgical community and to continue our mission to provide the surgeons and patients with products to assist their patients in the healing process. Please contact **SECUROS** at 1(877) BONE-FIX to receive copies of current data and studies attesting to the healing properties of Velocity.