OsteoVation® EX
BONE VOID FILLER

IMPACT

INJECT
**OsteoVationEX** is a calcium phosphate bone void filler that is similar to the mineral phase of bone. The system offers surgeons superior handling and mechanical properties for multiple bony void and defect applications. Impact or Inject formulas are available and provide options for traditional open or minimally-invasive surgical procedures. Both formulations are osteoconductive and provide a scaffold to enhance the bone during the healing process.

**Key Indications**

- Proximal Humerus Fractures
- Backfill After Bone Grafting
- Distal Radius Fractures
- Bone Tumors and Cysts
- Tibial Plateau Fractures
- Calcaneus Fractures
- Hardware Removal
Proven. Reliable.

OsteoVationEX


OsteoVationEX offers different formulations to accommodate traditional open or minimally-invasive surgical procedures. The handling characteristics differ and are dependent upon the selected formulation.

**Impact Formulation**

1 min  2 min  1 min  3 min
MIXING  TRANSFER & IMPLANT  MANIPULATE  SET

**Inject Formulation**

1 min  5 min  2 min  4 min
MIXING  TRANSFER & IMPLANT  MANIPULATE  SET

**Autograft Extender (Impact Formulation Only)**

1 min  1 min  2 min  1 min  11 min
MIX  ADD AUTOGRAFT TO MIX  TRANSFER & IMPLANT  MANIPULATE  SET
Advantages

Fast-Setting Isothermic Formulation
OsteoVationEX is designed to set quickly once implanted in a wet environment at the patient’s normal body temperature. OsteoVationEX is also isothermic and does not damage adjacent tissue as it sets.

Superior Mechanical Properties
The compressive strength of OsteoVationEX is higher than cancellous bone. The tensile properties are similar to natural bone.

Autograft Extender
The advanced OsteoVationEX Impact formulation can also be used as an autograft extender. The formulation can be combined with up to 50% by weight of morselized cancellous bone. This feature adds significant volume to fill bony voids and also incorporates osteoinductive and osteogenic properties.

Cell-Mediated Remodeling
Unlike calcium sulphate which is quickly resorbed by the body, OsteoVationEX allows for cell-mediated remodeling which helps maintain the strength of the surgical site.

Hardware Compatible
OsteoVationEX can accommodate the placement of hardware. The ability to fixate fractures after OsteoVationEX has set allows the surgeon to follow standard internal fixation guidelines.

* Data on file at skeletal kinetics.