

PRODUCT DESCRIPTION

Ossivet™ is a biomimetic, self-setting Calcium Phosphate-based bioadhesive bone substitute enhanced with phosphoserine. The unique components ensure Ossivet™ provides adhesive and cohesive properties. Designed for veterinary orthopedic use, Ossivet™ is indicated for reduction, provisional fixation, or void filling of bone fractures or defects in order to enhance structural stability where standard fixation alone cannot provide sufficient support for functional mobilisation.

Ossivet™ IS INTENDED FOR:

- Osteosynthesis procedures to augment the stability of orthopedic implants (e.g., bone screws).
- Filling bone defects after removal of orthopedic implants such as bone screws.
- Arthrodesis (e.g., carpal or tarsal joint).
- Bone fractures with bone defects (e.g., fractures of the tibia, ulna, or femur in conjunction with appropriate stabilisation hardware).
- Bone defects following resection of benign bone tumors or bone cysts.
- Ossivet™ is designed and intended to be implanted into well vascularised and non-infected bone defects.



Ossivet™ contains Calcium salts including Calcium Phosphate and Calcium Silicate combined with Phosphoserine.

Ossivet™ has osteoconductive properties to aid in bone remodelling.

Ossivet™ supports quick and strong recovery from bone injury.

Micro-stable and strong with nano-scale bonding and biocompatibility.



Adhesive strength after 20 minutes

BENEFITS

1. Remodels into new bone through a natural cell-mediated process, thereby maintaining micro-stability at the fracture interfaces to ensure no loss of structural integrity throughout the healing process.
2. Provides adherent properties to fragments on Nanoscale level which enables stabilisation to multi fragmentary and conventional screw fixation.
3. Cohesive properties enhance the adjunctive structural stability for the internal fixation of the affected bone, promoting proper alignment and healing.
4. This load sharing feature of Ossivet™ will improve surgically efficiency, fracture construct stability leading to earlier mobilisation and weightbearing resulting in an improvement in functional outcomes.
5. As Ossivet™ material is radiopaque surgeons can confirm adequate placement and filling of the defect allowing precise application to optimise fit and stability of the injured area.
6. Ossivet™ mitigates micromotion between unstable small bone fragments and secondary inflammation thereby making the zone of injury at the fracture less prone to infection.
7. Can provide stability for osteochondral fractures and for a combination of cancellous and cortical components.
8. Wet environment compatible
9. Ossivet™ is biocompatible.

FEATURES

1. Enhanced Stability with Load Sharing and Support
2. Customised Application
3. Ossivet™ acts to supplement Standard Fixation Better screw hardware engagement
4. Provisional fixation of the fracture fragments
5. Early Weight-Bearing and Mobilisation
6. Targeted Structural Support
7. Minimised Soft Tissue Disruption
8. Reduced Complications

DISTRIBUTED BY

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For more detailed product information or to discuss specific cases, please contact our veterinary advisor or Technical Team

