



Back to full health and performance, it's possible !

BIOCERA-VET BONE SURGERY EQUINE, HIGHLY INJECTABLE SELF-HARDENING CALCIUM-PHOSPHATE CEMENT FOR EQUINE SURGERY



- ▶ Ready-to-use & self-setting (up to 45 mPa)
- ▶ High porosity for optimal osteointegration & osteoconduction
- ▶ High radiopacity for ease of use in open & minimally-invasive surgeries

BONE SURGERY EQUINE

UNIQUE
IN EQUINE
SURGERY

INDICATIONS

- ▶ Bone cyst lesion management
- ▶ Dental surgery
- ▶ Fracture of coffin bone
- ▶ Fracture of cannon bone
- ▶ Arthrodesis of the metacarpal and metatarsal phalangeal joint
- ▶ All indications that require bone grafting

BONE SURGERY EQUINE
3cc - 6cc



TheraVet® is a vet company headquartered in Belgium. Its mission is to develop innovative, safe and effective treatments to improve the well-being and quality of life of companion animals and horses suffering from osteoarticular diseases. It is listed on Euronext Growth® Brussels and Paris.

More info at:
www.thera.vet - www.bioceravet.com
customerservice@thera.vet



INNOVATIVE COMPOSITION, READY-TO-USE, HIGH POROSITY, MECHANICAL STRENGTH

BIOCERA-VET® BONE SURGERY EQUINE is made from tricalcium phosphate (α -TCP) and ortho-phosphate salts that after crystallization give rise to calcium deficient apatite crystals. Its composition similar to the mineral components of natural bone, facilitate integration to the bone matrix.

Its high porosity translates into optimal osteoconduction, allowing cell colonization and biological fluid penetration, which promote bone formation and remodeling.

Thanks to its isothermic fast setting, BIOCERA-VET EQUINE is a ready-to-use highly injectable cement with optimal ergonomics for orthopedic and dental surgeries.

Also, once set, its high mechanical strength will withstand the high compression forces.

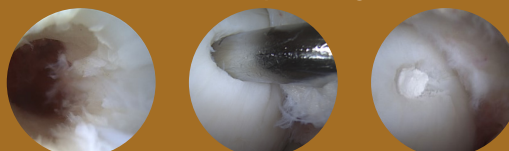
BIOCERA-VET's radiopacity is similar to bone, an advantage in follow-up assessment and especially in image guided surgery, e.g. in the radiographic management of bone cyst.

BIOCERA-VET EQUINE, THE INNOVATIVE MINIMALLY INVASIVE MANAGEMENT OF SUBCHONDRAL BONE CYST

“My initial evaluation of filling a subchondral cyst lesion with BIOCERA-VET in a young horse showed promising results. A complete filling of the cavity was achieved, with substantial new bone formation and no lameness 6 weeks post surgery.”

*Dr. Frerik ter Braake, DVM Cert EP, EBVS
European Specialist in Equine Surgery,
Dierenkliniek Emmeloord, The Netherlands*

Arthroscopic images



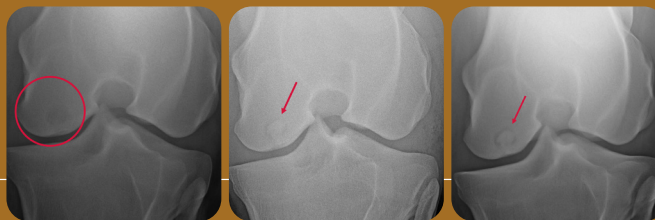
Bone cyst after debridement

Injection via the 7G cannula

Cavity filled with BIOCERA-VET

Bone cyst was managed by an arthroscopic approach thanks to the optimal injectability of BIOCERA-VET. After debridement and suction, the subchondral cavity was filled with BIOCERA-VET EQUINE using the included 7G cannula. Immediate post-operative X-ray showed the optimal filling of the cyst with no evidence of product displacement or leakage into the joint.

At 6-week follow-up, X-Ray images showed new bone formation with no signs of product displacement. Additionally, the patient was clinically sound.



Pre-op

Post-op

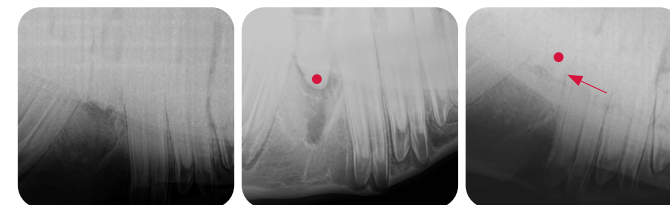
6-week follow-up

Legend: Arrows show the osteointegration and new bone formation and progressive remodeling.

A CAVITY OR A POOR BONE ENVIRONMENT? BIOCERA-VET EQUINE, THE NEW FILLING OPTION IN YOUR DENTAL CARE MANAGEMENT

Dental extraction in an 11-year-old warmblood horse with a broken tooth

After dental extraction, the cavity was filled with 3cc of BIOCERA-VET BONE SURGERY EQUINE. The surgical site was closed with a gingival flap. At 4-week and 8-week follow-up, new bone formation and resorption of the bone substitute were visible, showing the benefit of BIOCERA-VET in promoting bone healing.



Pre-op

Post-op

7-month follow-up

Legend: Dots indicate BIOCERA-VET. Arrows show the osteointegration and new bone formation and progressive remodeling (8 weeks) at the edges of the product

“During surgery, we assessed the bone and came to the conclusion that bone quality was low. We took the decision of using BIOCERA-VET to fill the gap. At 7-month follow-up, bone healing was very satisfying.”

*Dr. Wouter Demey, Equine Dental Surgery,
Veterinary Practice Equide,
Schaffen, Belgium*

