Scientific studies involving Osteoallograft™ Orthomix™ from VTS

Independently published studies speak for themselves:

"Clinical Relevance – DBM is safe for use in dogs."

"Dogs with a TPLO gap filled with DBM were allowed to return to normal exercise 2 weeks earlier than dogs with a well-apposed TPLO site."

"Radiographic healing, duration of exercise restriction, and timing of destabilization were similar in dogs undergoing carpal and tarsal arthrodesis whether they received DBM, autogenous graft, or both."

Hoffer M, Griffon D, Schaeffer D, Johnson A, Thomas M
Clinical applications of demineralized bone matrix: A retrospective and case-matched study of 75 dogs.
Veterinary Surgery. 37:639-647, 2008.

"Autograft was used in the first 17 dogs […], and the other 97 had an allograft."

"Conclusions – TTA is a procedure comparable with alternate methods of CrCL repair with expected good to excellent functional outcome."

Lafaver S, Miller NA, Stubbs WP, Taylor RA, Boudrieau RJ
Tibial tuberosity advancement for stabilization of the canine cranial cruciate ligament-deficient stifle joint: Surgical technique, early results, and complications in 101 dogs.
Veterinary Surgery. 36:573-586, 2007.

"For dogs with CSM [cervical spondylotic myelopathy] at a single level, the use of a spinal locking plate in combination with a cortical ring allograft can be an effective surgical treatment."

Bergman R, Levine J, Coates J, Bahr A, Hettlich B, Kerwin S
Cervical Spinal Locking Plate in Combination with Cortical Ring Allograft for a One Level Fusion in Dogs with Cervical Spondylotic Myelopathy.
Veterinary Surgery. 37:530–536, 2008.

"DBM generates significant new bone formation."

"Demineralized bone matrix appears to offer a realistic alternative to [autogenous] bone grafting offering advantages of decreased surgical time and morbidity with limitless volume."

Lidbetter DA, Millis DL, Daniel GB, Stapleton J
The effects of demineralized bone matrix and cancellous bone graft on an unstable ostectomy model in dogs.
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"A cylindrical titanium mesh cage in combination with cancellous allograft, demineralized bone matrix and an intramedullary nail successfully restores bone continuity and augments limb stability in a canine femur diaphyseal segmental defect model."

Lindsey R, Gugala Z, Milne E, Sun M, Gannon F, Latta L
The Efficacy of Cylindrical Titanium Mesh Cage for the Reconstruction of a Critical-Size Canine Segmental Femoral Diaphyseal Defect.
Published online in Wiley InterScience (www.interscience.wiley.com). DOI 10.1002/jor.20154, 2005.

None of these studies were initiated or funded by VTS.

Please see back for additional references >>>

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