

Osteoallograft™ Periomix™

Real Bone Allograft. Naturally Osteoinductive.™

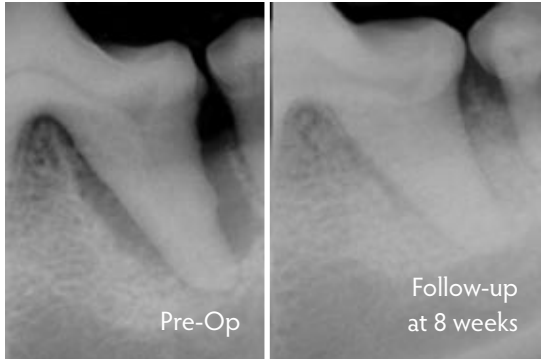


Real bone allograft
now brought to you.

Veterinary Transplant Services, Inc. (VTS) is the world's first veterinary tissue bank. We provide you with animal bone and soft tissue allografts for animal use. Restoring bone after a tooth extraction or after bone loss caused by periodontal disease contributes to patient well-being and can be critical to avoiding tooth loss or fractures of the mandible. With Osteoallograft™ Periomix™, even extractions have been prevented. Real bone allograft is both osteoinductive and osteoconductive and therefore using it results in higher periodontal bone height fill and faster healing times than using bone substitutes which are osteoconductive only.¹⁻⁵

Oral surgeons in human medicine have been confidentially taking advantage of bone allografts for decades. As a veterinary version of a human tissue bank, we bring this significant medical advancement to veterinarians and are proud of having been providing veterinary bone allografts successfully since 1996.

Why use bone allograft in periodontics?



Restores bone in extraction sites to improve patient health.

Animal teeth have much longer roots than human teeth and therefore extractions leave much deeper voids behind. Filling extraction sites with bone allograft leads to strong and fast reconstruction of natural, healthy bone tissue in these deep extraction sites.^{1,6} This prevents bacteria from settling in, which improves oral health. And good oral health improves overall patient health.

Prevents fracture of the mandible.

Reconstructing bone after tooth extractions prevents fractures of the mandible - a risk that is considerable as there is only little bone left after an extraction.

Saves teeth.

Applying bone allograft after bone loss caused by periodontal disease results in reversal of the disease process, probing depth reduction, clinical attachment gain, clinical repair of lost bone, and histologic reconstruction of the attachment apparatus.^{1,2,6} With Osteoallograft™ Periomix™, you can save teeth instead of pulling them.

Faster healing and higher bone height fill through osteoinductivity.

A strong periodontium and a high alveolar ridge are needed to prevent tooth loss; and real, osteoinductive bone achieves faster and higher bone restoration than bone substitutes.¹⁻⁵ Natural bone allograft is both osteoinductive and osteoconductive. Both properties are needed for optimal bone healing.³⁻⁵ Bone substitutes that do not contain bone morphogenic proteins are only osteoconductive.

Enhances the success of Guided Tissue Regeneration (GTR).

While using bone allograft leads to great results after extractions, it is also an optimal grafting material for use with GTR.^{1,6}

The Osteoallograft™ Orthomix™ consists of osteoinductive Demineralized Bone Matrix (DBM) and osteoconductive cancellous chips. ▶

Use Osteoallograft™ Periomix™ for

- ▶ Tooth extractions
- ▶ Furcation defects
- ▶ Horizontal and vertical bone loss
- ▶ Fracture of the mandible
- ▶ Any other void filling or bone augmentation procedure that requires grafting

Easy To Use: ▼



Create surgical flap.



Rehydrate Osteoallograft™ Periomix™ with saline or patient blood.



Pack Osteoallograft™ Periomix™ into extraction site, around roots, or into other bone loss sites. GTR barriers may be added.



Suture close surgical flap.

Natural bone allograft vs. bioactive glass

	Bioactive Glass	Natural Bone Allograft
Easy to use	✘	✘
Osteoconductive	✘	✘
Osteoinductive		✘
Highest bone height fill ³		✘
Begins to repair bony defects through new bone formation	within 4 weeks	Immediately after surgery
Visible reconstruction of periodontium and restoration of lost bone	in 6 months	in 8 weeks

Allograft saves teeth:

Use of allograft bone can prevent tooth loss by promoting new bone formation and facilitating reconstruction of the attachment apparatus. (See radiographs.)

High quality.

All VTS products are processed aseptically and meet USP guidelines for sterility. Immune reactions are not a significant concern, since VTS products are acellular, and processed by methods that have been shown to reduce immunogenicity; there is no need for any type of patient matching. Our stringent Quality Assurance Program provides confidence and consistency in our products.

From animals for animals.

All donor animals are provided to us by their owner after having been euthanized for unrelated reasons such as irreparable trauma or intractable aggression. Just like in human tissue banking, donor animals are donated to us for the noble cause of prolonging and improving the lives of others.

Readily available.

A shelf-life of 5 years for freeze-dried grafts and 6 months for frozen grafts allows you to conveniently keep your own inventory on-site. We ship the same day and offer expedited shipping for immediate needs.



References:

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