Real bone allograft now brought to you.

Veterinary Transplant Services, Inc. (VTS) is the world's first animal tissue bank. We provide you with animal bone and soft tissue allografts for animal use. Using professionally-procured bone allograft saves you from having to procure the patient’s own bone when bone material is needed. This decreases your OR time & cost and spares the patient a second operative site.

Orthopedic surgeons in human medicine have been confidently using 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 doing so successfully since 1996.
Why use bone allograft?

Reduced OR time and cost.
Using bone allograft allows you to skip autograft procurement which reduces your surgical time and cost.¹

Proven healing.
Studies show no long-term difference in healing outcomes between autografts and allografts.² ³

Osteoinductive.
Bone allograft is the only alternative to autograft that is both osteoinductive and osteoconductive. Both properties are needed for optimal bone healing.⁴ Bone substitutes that do not contain bone morphogenic proteins are osteoconductive only.

Increased availability.
Bone allograft eliminates restrictions caused by limited availability of bone autograft. In many cases, usage of larger amounts of bone graft results in faster and better bone healing.⁵

No pain. No donor site complications.
In humans, the morbidity rate associated with the collection of bone autograft is over 25%.⁶
Easy to Use: Osteoprogenitors come from blood or bone marrow. We recommend mixing rehydrated graft with either patient blood or bone marrow or you can apply graft directly to a very vascular site.

1. Rehydrate graft with saline. If using frozen graft, rehydration is not necessary.
When working in a vascular site, grafts can be applied directly out of the syringe.

Apply to surgical site.

2
Mix Osteoallograft™ Orthomix™ with patient blood or bone marrow.

3
Easy to use.
Simply mix with patient blood or bone marrow and apply to surgical site. Osteoinductive growth factors in demineralized bone powder signal progenitor cells immediately after surgery, accelerating the healing process.

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.

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 also offer overnight shipping for immediate needs.

Specifically for veterinary use.
While human tissues are intended for human use only, VTS is a veterinary tissue bank exclusively providing animal tissue specifically intended and designed for use in veterinary patients. Serving veterinarians since 1996, we are your trusted partner for your animal bone and soft tissue graft needs.
Use Osteoallograft™ Orthomix™ for:

- Fracture repair
- Mal- or non-union cases
- Arthrodesis procedures
- Bone loss
- TTAs and TPLOs
- Any other application where bone graft is required

The Osteoallograft™ Orthomix™ consists of osteoinductive bone powder and osteoconductive cancellous chips.
Osteoallograft™ Orthomix™ makes both standard and more challenging surgeries easier, faster, and better.

Surgeries become easier and faster when you don’t need to procure autogenous bone graft. In many cases better results are obtained, not only because you save the patient a second operative site, but also because completely filling a bony defect results in faster and more complete bone healing.\(^5\)

Other bone graft options
from VTS

We also provide cortical rings, struts, and cancellous blocks as well as weight-bearing long bone sections and whole bones. These are used in spinal fusions\(^3\), revisions, and limb sparing procedures (e.g., for replacement of cancerous bone or other significant bone loss). Fascia, tendon, and ocular grafts are also available.
Donor animals improve the lives of others.

Donor animals are provided to us through our Donor Program. Owners do not receive any compensation for their donation. All donor animals were euthanized for unrelated reasons such as irreparable trauma or intractable aggression. The option of donation is provided to pet owners only after their pet had to be euthanized.

Just like in human tissue banking, donor animals are donated to us for the noble cause of prolonging and improving the lives of others.

References:

Photo Credits: Radiographs courtesy of Dr. EB Okrasinski, Kirkland, WA. Surgery photos courtesy of Drs. D Huber and J Yee, Palm Desert, CA.