



Quality assurance for veterinarians and their patients.

Quality Assurance Means:

- Quality Control
- Process Validation
- Equipment Qualification
- Donor Screening
- Aseptic Processing
- Standard Operating Procedures
- Document Control
- Traceability

Procurement, processing and packaging is performed in a laminar airflow clean-room environment with sterile, HEPA filtered air (99.9% free of particles larger than 0.3 microns). The air in our clean-room is changed more than 500 times per hour. This is 1000 times cleaner than a typical operating room setting.



Our clean-room is 1000 times cleaner than a typical operating room.

VTS maintains several ultra-cold (-70°C) quarantine and distribution freezers and also has a small laboratory equipped with fluorescent microscope, incubators, centrifuges, control-rate freezer and other state-of-the-art equipment.



Our Process

VTS procures tissue aseptically and processes it by strict adherence to surgical principles and clean-room protocols. Each graft is cultured at the time of procurement. Bone grafts are frozen until donor history, serology and culture results are reviewed and only then are tissues released for processing. Any tissue with a pathogenic organism or positive serology is discarded.

At final packaging, the grafts are each individually cultured, and this culture must be negative for 14 days before grafts are released from quarantine.

Donor Screening and Testing

Veterinary Transplant Services puts serious emphasis on donor screening and tissue transplantation safety. Donors must be in good systemic health. Canines must have been vaccinated and are tested for brucella, heartworm antigen, and a tick-borne disease panel that includes E. Canis, B. Canis, R. Rickettsii and B. Burgdorferi. Felines are tested for FELV and FIV.



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Visit us on the Web at
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