Dedication and Service

CTS is strongly committed to providing quality tissue for transplantation. Patient safety and physician satisfaction are our priorities.

Recoveries are performed using aseptic technique. Each donor is thoroughly evaluated using medical/social history questions, medical records, blood tests, culture results, physical examination, and autopsy reports when performed. Specific lab tests are performed for syphilis, hepatitis B and C, HIV, and other viruses. Infectious disease markers are performed by CLIA approved laboratories. All donor chart information is evaluated by individuals trained in tissue banking and the Medical Director of CTS prior to the processing of the tissue.

Aseptic processing is accomplished in our state-of-the-art Class 100 clean rooms. Our processing area includes eight processing rooms, central sterile supply area, freeze-drying room, and labeling area. Processing personnel are encouraged to become Certified Tissue Bank Specialists, a certification offered by the American Association of Tissue Banks (AATB).

Prior to distribution, all allografts are thoroughly inspected for package integrity, quality, and proper labeling.

Quality Assurance

The CTS Quality Assurance department is responsible for monitoring the activities of the tissue program to ensure that all standard operating procedures comply with applicable regulatory guidelines as outlined by the Food and Drug Administration, the AATB, and applicable state licensing.

Accreditation

The AATB sets the standards for donor screening, testing, recovery, processing, and distribution of tissue. All CTS branch locations are accredited by the AATB and are ISO 9001:2000 registered.

Community Tissue Services™
Commitment to Technology and Safety

Community Tissue Services™

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Serologic Testing Panel

- RPR
- HBsAg
- HBc
- HCV
- HIV 1/2
- HTLV I/II
- HIV NAT
- HCV NAT

Processing and Storage

Musculoskeletal tissue is processed aseptically and is secondarily sterilized by gamma irradiation. Skin is processed aseptically and is available meshed or non-meshed. Most musculoskeletal allografts are available frozen (≤ -40°C storage) or freeze dried (room temperature storage).

Allowash® Processing

CTS processes bone and soft tissue grafts using Allowash® Technology, a patented bone cleaning technology developed by LifeNet. Allowash® is specifically designed to facilitate the removal of cellular elements from musculoskeletal tissue while maintaining structural integrity. The Allowash® process utilizes both mechanical and chemical methodologies to reduce the potential danger of disease transmission. This technology, along with a rigorous donor screening process, has been designed and validated to increase the safety of CTS tissue.

(Source: LifeNet document LNPRO859)

Irradiated Allografts

In addition to Allowash® processing, CTS irradiates musculoskeletal allografts. Allografts are irradiated inside a final package using gamma irradiation from a Cobalt 60 source at a dose of 15-25kGy (1.5-2.5 megarads) for another measure of allograft safety.