All allograft tissue is the same. Isn’t it?

Actually, you’d be very surprised.

There are national standards for tissue banks, set by the AATB and FDA. But they set only a minimal baseline for the industry. Beyond the basics, most regulations are left to interpretation. As a result, tissue quality, consistency and performance can change—drastically—from bank to bank.

The real question is, how do you get safe allografts, without sacrificing quality?

The simple answer is MTF.

MTF’s process—in its entirety—is centered on bringing you the highest quality tissue available in the industry. Our standards, set by a medical board of trustees from the world’s finest healthcare institutions, exceed those set by the AATB and FDA.

Creating and meeting the industry’s highest standards is not easy. It’s an approach, and commitment, that takes place in every step of the process—from donor selection to delivery. You won’t find a more comprehensive, thorough, medically founded process than ours.

We invite you to see for yourself…

References:

The better approach to... quality.

Donor Selection

MTF accepts less than 3% of potential donors.

Why?
1. 10 million Americans suffer from osteoporosis, which is responsible for more than 2 million fractures per year.5
2. Over a lifetime, a woman loses approximately 20% of her cortical bone and 30% of her trabecular bone.7
3. People being treated for end-stage renal disease with hemodialysis are 17 times more susceptible to fracture.3
4. Tendon and ligament laxity occurs more susceptible to fracture.3
5. At the first year of steroid treatment, bone loss amounts to 6% to 8%.7

The decision to accept or defer a donor with these conditions is at the discretion of each individual tissue bank.

Test Method

MTF is the only tissue bank to use The VanGuard Method™ to customize final tissue pathway.

By employing this state-of-the-art test method, MTF is able to avoid harsh processing and sterilization techniques.

Aseptic Processing and Sterilization

The VanGuard Method™ far exceeds the industry standard and is defined by the following characteristics:

- Direct tissue testing
- Qualitative and quantitative assessment
- Close representation of final graft form
- Highly reproducible
- Highly accurate

Depending on the results of the VanGuard Method™, a validated pathway is selected to ensure sterility.

Aseptic: Donor tissue with results that meet sterility standards. Not all biological tissues are the same and neither are the processing methods they require.

Aseptic with treatment: Low dose gamma radiation is used on some tissue during processing or as a terminal sterilization step.

Quality Verification

All MTF tissues undergo a series of review steps prior to release.

- Final sterility results
- Visual inspection of tissue
- Three levels of tissue specification verification
- Final donor chart review
- Processing documentation verification
- Processing suite environmental verification
- Packaging/labeling final verification
- Frequent internal audits

Delivery

MTF offers a broad tissue portfolio and extensive inventory.

Services We Provide

- Inventory Management Program
- Tissue Tracking System
- Large Drought Matching
- Tissue for Research and Charitable Outreach
- In-Services
- Professional Education Services

Our Corporate Partners

- Synthes
- Ethicon, Inc.
- Orthofix
- Dentply Tulsa Dental
- Mentor
- Spineology