TranZgraft®

TranZgraft® | Sports Grafts

01 **FROZEN** PRESERVATION | 02 **OPTIMIZED** PROCESSING | 03 **SUPERIOR** SAFETY

Exceeding Expectations

TranZgraft sets a new standard in safety and performance for sports medicine surgery. Aseptically processed in a state-of-the-art manufacturing facility, TranZgraft is sterilized using a proprietary gamma irradiation system, achieving a Sterility Assurance Level (SAL) of 10^{-6} while preserving the tissue's native properties.

Gamma irradiation is the trusted gold standard for sterilization:

- **Terminal sterilization:** Performed at ultra-low temperatures and low doses to better preserve tissue structure.
- **Superior sterility:** An SAL of 10^{-6} translates to a 1,000-fold lower probability of contamination compared to an SAL of 10^{-3}.
- **Validated process:** Sterilization process validated by Method VDmax15 to ANSI / AAMI / ISO 11137, including periodic dose auditing.
- **Enhanced safety:** Inactivates a broad range of viruses, providing greater safety to the tissue structure.

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BERKELEY BIOLOGICS

TranZgraft®

Optimized Processing

Our processing methods are designed to protect and preserve tissue properties:

- **Gentle Solutions:** Only physiologic solutions like saline are used, avoiding harsh chemicals (e.g., acetone, sodium hydroxide, or hydrogen peroxide) used by some processors, ensuring better preservation of tissue structure.
- **Stringent Controls:** Strict bioburden limits and environmental monitoring are in place.
- **Gamma Irradiation:** Carefully controlled gamma irradiation maintains biomechanical performance, including tensile strength and stiffness.[1-3]

Allograft Safety

- **Regulatory Compliance:** Exceeds FDA, AATB, and state regulatory requirements for testing and donor screening.
- **Comprehensive Screening:** Over 350 medical and social criteria are reviewed for every donor in addition to standard transmissible disease testing.
- **Expert Review:** A licensed medical director reviews and determines the final suitability of each donor.

About Berkeley Biologics

With over 35 years of expertise in tissue processing and transplantation, Berkeley Biologics is committed to restoring mobility for as many patients as possible. Our vision is to revolutionize healthcare through innovative solutions, harnessing the commercial potential of regenerative medicine.

1. Moore MA. Cell Tissue Bank, 2012; 13:401-407.
2. Greaves LL, American J Sports Med. 2008; 36: 1358-1366.
3. Samsell BJ, Moore MA Cell Tissue Bank, 2012; 13;217-223.

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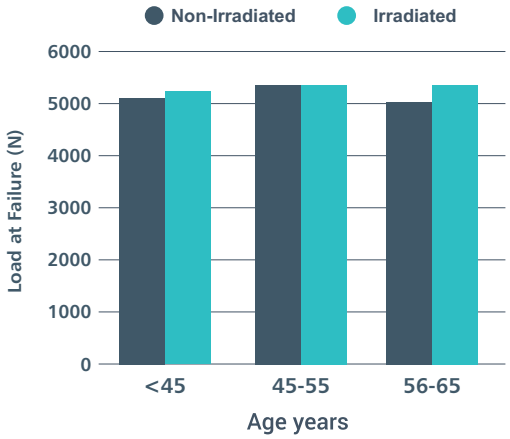
Irradiated vs. Non-Irradiated Tibialis Tendon Grafts



Mechanical testing to failure of double-stranded tibialis tendon grafts demonstrating no evidence of an effect of irradiation or donor age up to 65 years.[2]

Product Ordering Information

Description	Product ID
Achilles Tendon w/BB w/sheath	447-10201
Patellar Ligament - Split (Hemi)	447-13803
Semitendinosus	447-13807
Gracilis	447-13838
Patellar Ligament - 10mm	447-13802-10
Peroneus Longus	
Small: 7.5mm ≤ D < 8.5mm	447-13828-S
Large: D ≥ 8.5mm	447-13828-L
Tibialis Tendon	
Anterior, Small: 7.5mm ≤ D < 8.5mm	447-13808-SA
Anterior, Large: D ≥ 8.5mm	447-13808-LA
Posterior, Small: 7.5mm ≤ D < 8.5mm	447-13808-SP
Posterior, Large: D ≥ 8.5mm	447-13808-LP

Customer Service and Ordering
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