

Ligament Reconstruction

Non-Bone Tendons



Non-bone tendons used for performing ACL Reconstruction allow for multiple fixation techniques. Non-bone tendons distributed by Hospital Innovations are the only tendons sterilised without the use of irradiation through the patented BioCleanse® Tissue Sterilisation Process. The BioCleanse® Process inactivates or removes potential pathogens using a specific formula while maintaining the tissue's biomechanical properties.

Features:

- Allows for multiple fixation techniques
- Minimises operating time and simplifies surgical technique compared to autograft
- Eliminates donor site morbidity and resultant cosmetic surgery
- Can be used in single or double bundle tendon reconstruction techniques

Non-bone Tendons:

- Anterior Tibialis
- Posterior Tibialis
- Peroneus
- Semitendinosus
- Gracilis

Sizing & Measurements:

- Folded diameter determined with sizing block
- Tendons pre-trimmed resulting in consistent tendon width throughout the tissue

Create Four-Stranded Grafts from any Two Non-bone Tendons

Clinical Need:

Large soft tissue grafts (10-12mm) are needed to recreate the natural footprint of the ACL. The actual pull through diameter of non-bone tendons varies widely between donors. As a result, not every donor yields the larger diameter tendon, resulting in fluctuations in supply of certain sizes.

Solution:

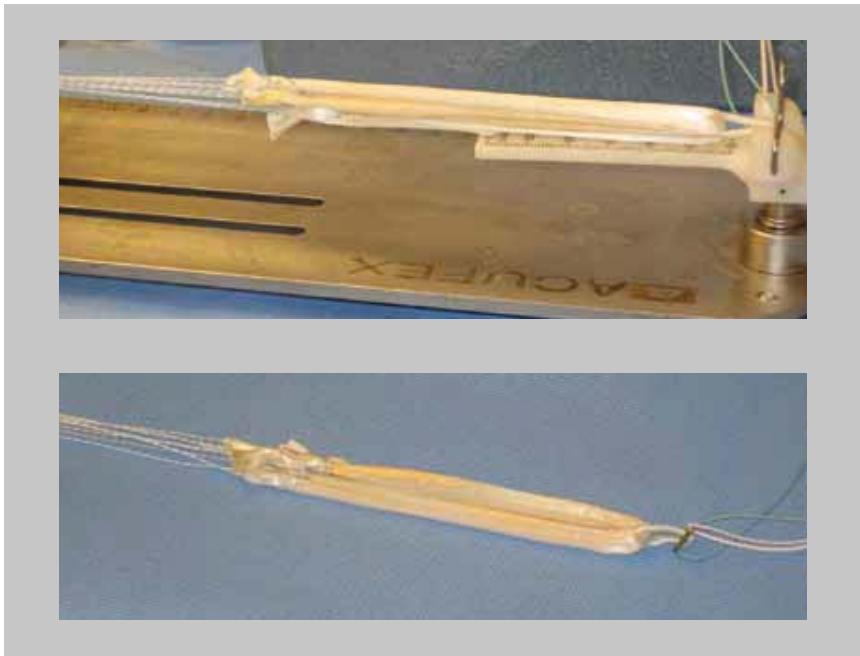
Create a four-stranded graft from any two folded non-bone tendons. This particular technique has been demonstrated to be effective in ACLR and allows RTI Surgical to maximise the gift of donation by finding clinical applications for the smaller diameter tendons.

Benefit:

This technique provides surgeons with additional graft options from which to choose, greatly increasing their ability to meet patient demand.

Supporting Literature:

"The Clinical Use of a Four-Stranded Peroneus Longus Allograft in Anterior Cruciate Ligament Reconstruction" by Marc. J. Milia, MD (Dearborn, MI)



Two peroneus longus allograft tendons, each with a 6.5mm folded diameter and 250mm in length, create a 10-12mm graft.

Speak to your local Sales Specialist for further information or contact us using the details below:

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