

# AlloConnex™

## TENDONS, LIGAMENTS, FASCIA



# COMPREHENSIVE SOFT TISSUE PORTFOLIO

The AlloConnex™ portfolio of allografts includes tendons, ligaments and fascia to support the multitude of procedures surgeons perform connecting patients back to their active lifestyles. Types of allografts include Achilles, anterior tibialis, gracilis, peroneus longus, posterior tibialis, semitendinosus, quadriceps, patellar ligaments and fascia.

## SAFETY AND QUALITY

### ALLOTRUE™ CLEANSING PROCESS

AlloSource™ uses a unique, proprietary, patented cleansing process, AlloTrue™ Cleansing Process<sup>1</sup>. It is designed to penetrate deep within donor tissue, removing blood and lipids, as well as reducing a viable microorganism load. AlloTrue utilizes a combination of treatments of antibiotics, alcohol and multiple water rinses. The deep cleansing minimally manipulates the tissue, maintaining its biomechanical properties.

1. Patent No: US 8,303,898 B2, Date of Patent: Nov. 6, 2012

### GUIDELINES

Donor eligibility and processing guidelines are critical to ensure the safety of allografts. AlloSource tissue safety standards are outlined below.

- Registered with the United States FDA
- Accredited by the American Association of Tissue Banks (AATB)
- Certified to International Standards Organization (ISO) 13485 through British Standards International

In addition, AlloSource's tissue recovery organizations comply with AATB and FDA requirements.

# PRECISION MEASURING

## NON-BONE TENDON

Every non-bone tendon is measured for length, folded and single diameter (Figure 1).

- The folded diameter is measured with the tendon folded at the center and pulled through from larger to smaller diameters on the sizing block. The measurement is quantified by the largest hole size where the tendon lifts the sizing block.
- The single diameter is measured by pulling the tendon from end-to-end through the sizing block. The measurement is quantified by recording the largest hole size where the tendon lifts the sizing block off the field.

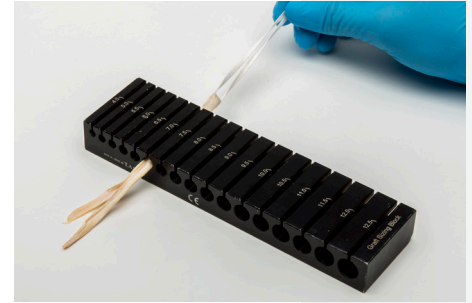


Figure 1

## PATELLA LIGAMENT

Patella ligament (bone tendon bone - BTB) allografts (whole, hemi and pre-shaped) are measured for the total graft length, ligament length, ligament width and bone block dimensions (Figure 2).

- Two separate ligament length measurements are taken:
  - Ligament length 1 (LL1), the length of the ligament from the tibial insertion to the apex of the patella bone.
  - Ligament length 2 (LL2), the length of the ligament from the tibial insertion to the furthest attachment of the ligament to the patella bone.
- The total graft length, ligament width and tibial bone block length and width are also measured.

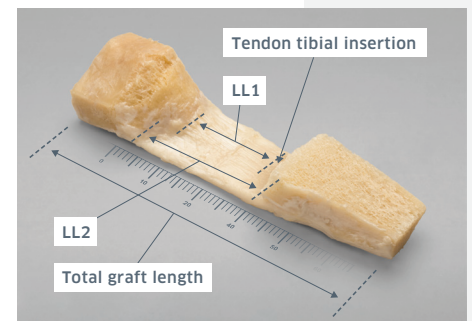


Figure 2

## ACHILLES AND QUADRICEP TENDONS

Achilles and quadricep (bone tendons - BT) are measured for tendon length, tendon width and bone block dimensions.

- The length is taken from the insertion of the bone block to the end of the tendon or from end to end of the tendon if a bone block is not present (Figures 3-4).
- Lengths and thickness measurements are taken on bone blocks for both Achilles and quadricep tendons if bone block is present (Figure 4).

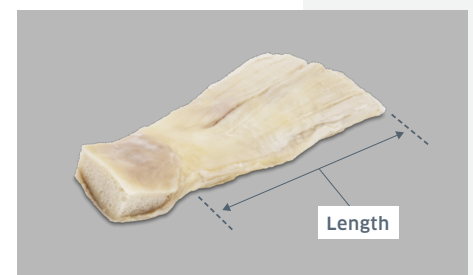


Figure 3

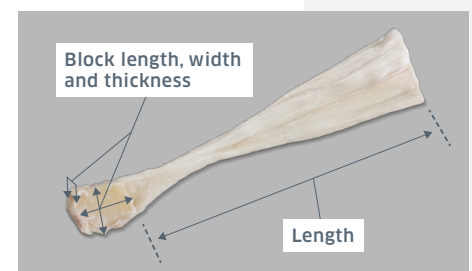


Figure 4

# PRODUCT CONFIGURATIONS

- ⊕ Commonly used in ACL, PCL and other soft tissue repair and reconstruction
- ⊕ Full portfolio to accommodate various surgical procedures

## NON-BONE TENDONS



Single Strand



Double Strand

## PATELLA LIGAMENT (BTB)



Whole



Hemi



Pre-Shaped

⊕ Multiple sizes to meet patient requirements

⊕ Supports many fixation types for a variety of techniques

### ACHILLES TENDON (BT)



With Bone Block



Pre-Shaped

### QUADRICEP TENDON (BT)



With Bone Block



Without Bone Block

### FASCIA LATA



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## AlloConnex™ Tendons and Ligaments

STORAGE: FROZEN

GRAFT	DESCRIPTION	LENGTH	SINGLE DIAMETER	FOLDED DIAMETER	STERILE REF/PRODUCT #	ASEPTIC REF/PRODUCT #
Achilles	Pre-Shaped	≥ 19 cm			10017100	10022100
Achilles	w/ Bone Block	≥ 14 cm			10017000	10022000
Anterior Tibialis	Double Strand	≥ 23.5 cm		7.5 mm min.	41517000	41522000
Anterior Tibialis	Single Strand	≥ 18-22.9 cm	5.0 mm min.		44317000	44322000
Gracilis	Double Strand	≥ 23 cm		6.0 mm min.	26217000	26222000
Gracilis	Single Strand	≥ 20-22.9 cm	3.5 mm min.		44317002	44322002
Gracilis/Semitendinosus	Double Bundle	≥ 23 cm		4.0 mm min.	44217002	44222002
Patellar Ligament	Pre-Shaped	3-5 cm			18017000	18022000
Patellar Ligament	Hemi				17817000	17822000
Patellar Ligament	Whole				17917000	17922000
Patellar Ligament	Whole With Quad				24817000	24822000
Peroneus Longus	Double Strand	≥ 26 cm		7.5 mm min.	43917000	43922000
Peroneus Longus	Single Strand	≥ 18-22.9 cm			44317004	
Posterior Tibialis	Double Strand	≥ 25 cm		8.0 mm min.	41617000	41622000
Posterior Tibialis	Single Strand	≥ 18-22.9 cm	4.5 mm min.		44317001	
Semitendinosus	Double Strand	≥ 23 cm		6.0 mm min.	18717000	18722000
Semitendinosus	Single Strand	≥ 18-22.9 cm	3.5 mm min.		44317003	44322003
Quad Tendon	w/ Patella				24917000	24922000
Quad Tendon	w/o Patella				24917001	24922001

## Fascia Lata

STORAGE: FROZEN & AMBIENT

AREA	FREEZE-DRIED REF/PRODUCT #	FROZEN REF/PRODUCT #
9.0-34.9 cm <sup>2</sup>	14415034	14417034
35.0-45.9 cm <sup>2</sup>	14415045	14417045
46.0-83.9 cm <sup>2</sup>	14415095	14417095
84.0-150.9 cm <sup>2</sup>	14415150	14417150
151.0-260.9 cm <sup>2</sup>	14415260	14417260
> 261.0 cm <sup>2</sup>	14415261	



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AlloSource, one of the largest human tissue providers, honors tissue donors by creating innovative dermal, cartilage, tendon, fascia, bone, amniotic, and living cellular allografts to help heal patients. Since 1994, we have continued to advance our allografts to improve patient outcomes, serving as a trusted tissue partner to the medical community. Learn more at [allosource.org](http://allosource.org).

AlloConnex™ Tendons, Ligaments and Fascia are regulated by the FDA under 21 CFR Part 1271 Human Cells, Tissues, and Cellular and Tissue-Based Products (HCT/Ps). AlloSource® is registered with the FDA as a tissue establishment and accredited by the American Association of Tissue Banks.