ArthroFLEX® SCR

Acellular Dermal Matrix for Superior Capsular Reconstruction

Clinical Overview

ArthroFlex SCR is a specific size of acellular dermal matrix designed specifically for the Superior Capsular Reconstruction surgical technique. Biomechanical testing shows the graft restores glenohumeral joint stability and subacromial contact characteristics.[1,2]

Applications

- Superior Capsular Reconstruction

Features & Benefits

- **Shown to improve patient-reported outcomes:** Patients reported decreased pain and improved function scores.[7]
- **Strong**: High ultimate load to failure and sutures will not easily pull through graft.[3]
- **Safe**: Sterile with a SAL of 10^{-6}.
- **Decellularized**: Uses Matracell® technology to remove ≥97% DNA and cellular remnants to decrease likelihood of an immune response.[4]
- **Promotes rapid healing**: Biocompatible and retains natural growth factors, collagen and elastin.[4,5] Addresses most common mode of failure by reinforcing suture-tendon interface.[7]
- **No re-hydration needed:** Supplied pre-hydrated and ready for use.[5]
- **Convenient storage**: Room temperature (15 - 30°C).

LifeNet Health®
Saving Lives. Restoring Health. Giving Hope.

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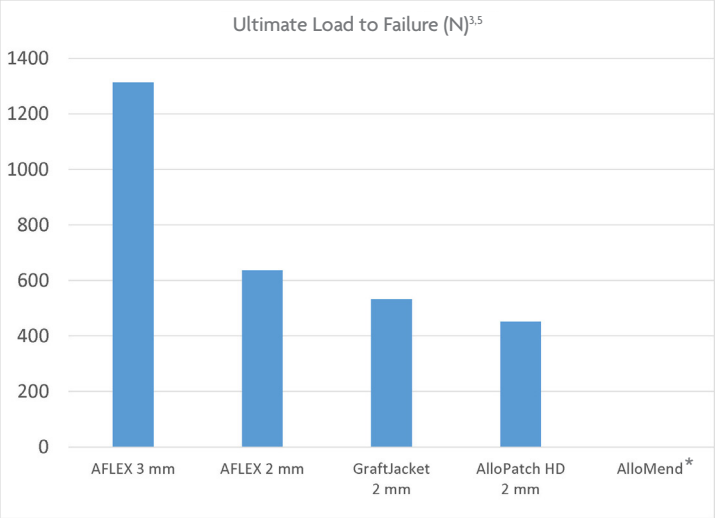
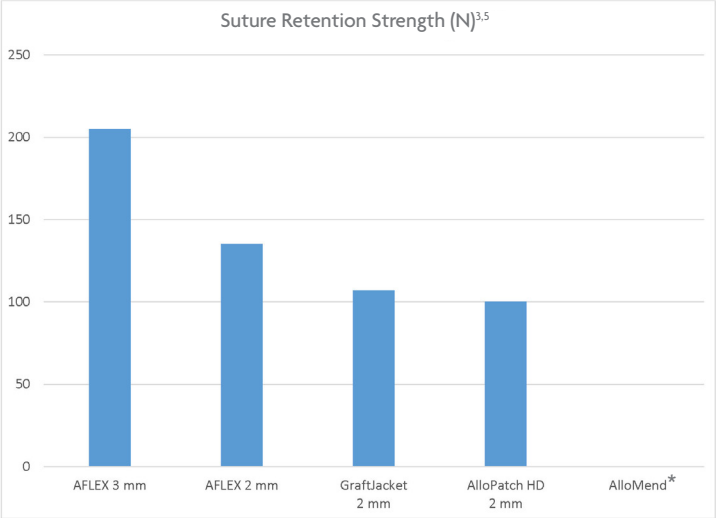
ArthroFlex SCR

Room Temperature Storage (15°C - 30°C) / 3 Year Shelf Life

Size	Thickness	Order Code
40 x 50 mm	3.0 mm (2.5 - 3.5)	AFLEX300
40 x 70 mm	3.0 mm (2.5 - 3.5)	AFLEX301
50 x 60 mm	3.0 mm (2.5 - 3.5)	AFLEX302





No data is published or available

Instructions for use available at **LifeNetHealth.org/IFU**

References

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2. Mihata T, McGarry MH, Pirolo JM, Kinoshita M, Lee TQ. Superior Capsule Reconstruction to Restore Superior Stability in Irreparable Rotator Cuff Tears: A Biomechanical Cadaveric Study. AJSM 2012;40:2248-55.
3. Data on File at Arthrex, Inc. TR-2946.
4. Moore MA, Samsell B, Wallis G, Triplett, S, Chen S, Linthurst Jones A, Quiz X. "Decellularization of Human Dermis Using Non-Denaturing Anionic Detergent and Endonuclease: A Review." Journal of Cell and Tissue Banking.
5. Data on file at Lifenet Health. 68-20-048, IFU 63-0050-01.
6. Barber FA, Herbert MA, Boothby MH. Ultimate tensile failure loads of a human dermal allograft rotator cuff augmentation. Arthroscopy 2008 Jan;24(1):20-24.
7. Burkhart SS. Pranchknum JJ, Hartzler RU. Superior Capsular Reconstruction for the Operatively Irreparable Rotator Cuff Tear: Clinical Outcomes Are Maintained 2 Years After Surgery. Arthroscopy. 2019.

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