

neoligaments™

Leeds-Keio™ Shoulder Ligament

Antero-Inferior Capsular Reinforcement of the Shoulder

Benefits

Post-operative immobilization is not required

The shoulder is stabilized without loss of proprioception

Minimally invasive

Open mesh structure acts as a scaffold, to encourage tissue ingrowth that protects the ligament from abrasion and adds strength as the tissue matures

Open mesh structure recruits fibrous growth rebuilding the inferior glenohumeral ligament

Indications

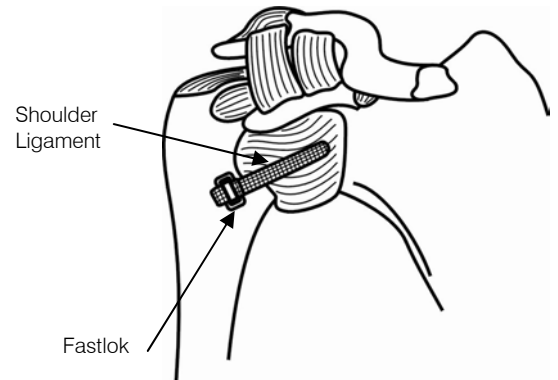
The Leeds-Keio Shoulder Ligament is recommended to correct anterior instabilities of the shoulder. It may also be indicated for multi-directional instabilities.

Surgical Technique

The Shoulder Ligament operates in three ways to control humeral head luxation:

- it acts as an antero-inferior capsular reinforcement. The mesh structure of the ligament recruits a large fibrous growth rebuilding the inferior glenohumeral ligament;
- the ligament crosses the subscapularis before going to the humeral head and therefore operates as a tenodesis of the subscapularis;
- it acts as a restraint, obstructing anterior movement of the humeral head.

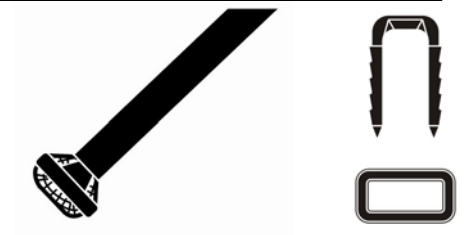
Instrumentation has been designed to guide the ligament (supplied in a stainless steel delivery tube) through the scapular neck, decreasing the risk of neurological injury. A titanium alloy Toggle serves as an anchor on the posterior aspect of the scapular neck. A 6mm or 8mm titanium alloy Fastlok™ device is used for humeral fixation.



Ordering Information

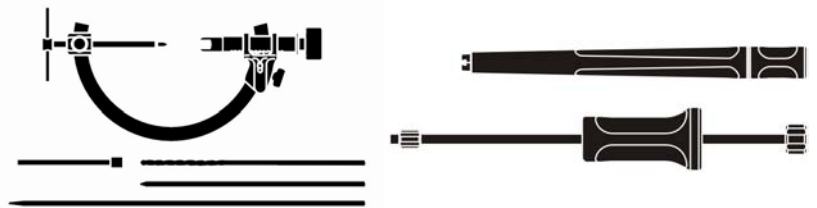
Implants

102-1031	Leeds-Keio Shoulder Ligament (including titanium fixation Toggle and stainless steel delivery tube)
102-1381	8mm x 23mm Fastlok (supplied sterile)
102-1380	6mm x 23mm Fastlok (supplied sterile)



Instruments

202-2006	Shoulder instrument set
202-1137	Impactor/Extractor
202-1118	Sliding hammer



Leeds-Keio Ligaments are available in a range of lengths and strengths. Contact our Customer Services Department for further details or visit our website at www.neoligaments.com

Developed in conjunction with Dr Mikel Sanchez of Santiago Apostol Hospital, Vitoria, Spain.

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