

Appendix Table 3. On-going randomized controlled trials registered in the International Clinical Trials Registry Platform

Author, Country	Title	Registration number	Study type	Sponsorship	Intervention	Control	Target sample size	Primary outcome measure	Secondary outcome measures	Recruitment completed	Recruiting	Not yet recruiting	Status unknown	Estimated completion date
First-time traumatic shoulder dislocation														
Bell, S Australia	The efficacy of 2 alternative suture materials Ethibond and Parsylok used with Parslok 'suture anchors' for the primary open surgical stabilisation of the shoulder for instability - a double blind randomised trial	ACTRN1260600196549	RCT	Industry	Open Bankart repair with bioabsorbable suture material	Open Bankart repair with non-absorbable suture material	236	Recurrent instability	Risk factors for recurrent instability		X			Not reported (recruitment since 2006)
Johnson, A Australia	A comparison of conservative management with external rotation bracing versus arthroscopic surgical treatment for shoulder dislocation in young people	ACTRN12612000442808	RCT	Academic	Immobilization in ER	Arthroscopic Bankart repair	50	WOSI	Redislocation rate, EQ-5D, ASES, Quick-DASH, Pain VAS, Patient satisfaction, Compliance			X		Not reported
Litchfield, R Canada	The Role of Rotator Interval Closure in Bankart Lesion Repair	NCT01620619	RCT	Academic	Arthroscopic Bankart repair and rotator interval closing	Arthroscopic Bankart repair	142	WOSI	ROM, Pain, Upper extremity functional index, redislocation				X	May 2016
Pelet, S Canada	First Time Anterior Glenohumeral Joint Dislocation With a Bankart Lesion in Young Patients: Which Type of Immobilization Should be Chosen? A Prospective Randomized Study	NCT01111500	RCT	Academic	Immobilization in ER	Immobilization in IR	50	Anatomical healing of labrum (MRI)	Relapse rate		X			February 2015
Pougès, C France	First Episode of Anterior Glenohumeral Dislocation in Adult Patients Under 25 Years of Age: Anterior Capsulo labral Reinsertion by Arthroscopic Approach Versus Immobilization	NCT03315819	RCT	Academic	Arthroscopic Bankart repair	Immobilization in internal rotation (Dujarrier) for 3 weeks and rehabilitation	40	Occurrence of recurrence at 2 years	Recurrent instability (dislocation or subluxation), WDS, DASH, WOSI, Satisfaction (Likert), work stoppage, return to sports		X			March 2018
Senthikumar, S. UK	Get them moving early: sling immobilisation following arthroscopic anterior shoulder stabilisation offers no advantage	ISRCTN13628010	RCT	Academic	Early mobilization after arthroscopic Bankart repair	Immobilization for 6 weeks after arthroscopic Bankart repair	60 (stopped after 28)	Failure of surgery (dislocation or subluxation)	OSIS	X				November 2017
Walker, T Australia	A randomised controlled trial on the effect of Physiotherapy and an external rotation brace in the management of first time anterior shoulder dislocations in patients aged 15-40 years	ACTRN12611001183976	RCT	Other collaborative groups	Immobilization in ER and physiotherapy	Immobilization in ER and different type of physiotherapy	200	Redislocation rate	DASH, OSIS		X			February 2019
Whelan, DB Canada	A Randomized Evaluation of Emergent Immobilization in External Rotation in the Management of Acute Anterior Dislocations of the Shoulder (EERAADS)	NCT02197819	RCT	Academic	Immobilization in ER	Immobilization in IR	75	Redislocation rate	Not reported		X			
Chronic post-Traumatic shoulder instability														
Caiqi, X China	Four-in-one procedures for anterior shoulder instability: conjoint tendon transfer versus long head of biceps transfer	CHCTR-IOR-17010736	RCT	Academic	LHBT Transfer with Bankart repair	Conjoiden Tendon transfer with Bankart repair	120	Rowe-Oxford Score	Shoulder Stability Score, Throwing ability, CT Evaluation		X			February 2020
Elamo, SP Finland	Operative Treatment of Traumatic Anterior/Inferior Shoulder Instability in Young Male Patients	NCT01998048	RCT	Academic	Arthroscopic Bankart repair	Open Latarjet	120	Recurrent instability	Sports activity, Shoulder condition VAS, Constant score, OSIS, SSV		X			December 2017
Eshoj, H Denmark	A Neuromuscular Exercise Program for Patients With Anterior Shoulder Instability (SINEX)	NCT02371928	RCT	Academic	Neuromuscular exercise program	Standard home exercise program	80	WOSI	EQ-5D, Tampa Scale of Kinesiophobia, Patient Specific Functioning Scale, Global Perceived Effect, Constant score, Shoulder instability in clinical testing, Joint proprioceptive, adverse effects		X	X	(Active, but not recruiting)	June 2019
Fenglong, L China	Application of the Arthroscopic Coracoid Transfer (Arthroscopic Latarjet Procedure) in Treating Recurrent Anterior Shoulder Instability	CHCTR-INR-17013927	RCT	Academic	Arthroscopic Latarjet	Open Latarjet	60	Dislocation rate	Not reported		X			Not reported
Ferreira, A Brazil	Arthroscopic Treatment of Anterior Shoulder Dislocation Using Knotted and Knotless Anchors	NCT02535585	RCT	Academic	Arthroscopic Bankart repair with knotted suture anchors (SutureTak)	Arthroscopic Bankart repair with knotless suture anchors (Pushlock)	54	Rowe scale	Redislocation rate, Complications, WOSI, ASES, MRI		X			April 2019
Qalil, H Egypt	Latarjet procedure with or without remplissage for treatment of patients with recurrent anterior shoulder dislocation	PACTR201702001989912	RCT	Academic	Latarjet	Latarjet with remplissage	60	OSIS	Constant score, arthropathy (Samilson-Prieto), VAS (pain)		X			June 2018
Lapner, P Canada	Approach to Shoulder Instability	NCT02060227	RCT	Academic	Arthroscopic Bankart repair	Open Latarjet	120	WOSI	ASES		X			December 2018
Li, F China	Open Latarjet Techniques Versus Arthroscopic Latarjet Techniques on Anterior Shoulder Instability: The Comparison of Clinical and Radiographic Outcomes	NCT01912027	RCT	Academic	Arthroscopic Latarjet	Open Latarjet	30	ROM	VAS, UCLA, Constant score, ASES, SST, Radiographic evaluation				X	May 2014
MacDonald, PB Canada	Arthroscopic Bankart Repair With and Without Remplissage in Anterior Shoulder Instability	NCT01324531	RCT	Academic	Arthroscopic Bankart repair	Arthroscopic Bankart repair with remplissage	150	WOSI	SST, ASES, Ultrasound to assess healing of the tissue			X	(Active, but not recruiting)	December 2019
Maman, E Israel	Arthroscopic Rotator Interval Closure in Shoulder Instability Repair	NCT00901797	RCT	Academic	Arthroscopic Bankart repair	Arthroscopic Bankart repair and rotator interval closing	100	Recurrent instability	ROM, Activity level, Revision surgery, Pain				X	May 2011
Moroder, P Austria	J-bone graft versus Latarjet	ISRCTN85986529	RCT	Academic	Open Latarjet	Open J-Bone graft	60	WOSI	Resorption of grafts, Subjective Shoulder value VAS, Rowe Score, osteoarthritis in X-ray	X				March 2024
Wong, I Canada	The Arthroscopic Treatment of Recurrent Anterior Shoulder Instability (ATRASI)	NCT02510625	RCT	Academic	Arthroscopic Bankart repair	Arthroscopic Anatomic Glenoid Reconstruction	200	WOSI	Recurrent instability		X			September 2022
Abbreviations														
ASES - American Shoulder and Elbow Shoulder Score														
DASH - Disabilities of Shoulder and Hand														
EQ - Euro Quality of Life														
ER - External Rotation														
IR - Internal Rotation														
MRI - Magnetic Resonance Imaging														
OSIS - Oxford Shoulder Instability Index														
RCT - Randomized Controlled Trial														
SST - Simple Shoulder Test														
SSV - Subjective Shoulder Value														
UCLA - University of California, Los Angeles Shoulder Score														
VAS - Visual Analog Scale														
WDS - Walch Duplay Score														
WOSI - Western Ontario Shoulder Instability Index														
Last update (ICTRP): 23.1.2018														