

Appendix 1. Combined Arthroscopic RC Repair and LHB Procedure Details

LHB Procedure	Study	RC Tear Involvement [^]	RC Tear Size	LHB Pathology	RC Repair Technique*	Tenodesis Technique	Concomitant Procedures+
Tenodesis	Cecchia et al ²	SS: 100% IS: 40.0% Sub: 53.3%	All “moderate to severe” full thickness tears	Instability: 8 Partial tear: 7	Single	Intra-articular	SAD DCR (“when necessary”)
	Franceschi et al ⁷	SS: 100% IS: 40.9% Sub: 45.5%	All “massive” full thickness tears	Instability: 14 Partial tear: 8	Double	Intra-articular	SAD (63.6%)
	Koh et al ¹²	SS: 100%	3 “partial” thickness tear 5 “small”, 19 “medium”, and 16 “large-massive” full thickness tears	Instability: 4 Partial tear: 34 Tendinosis: 3 SLAP: 19	Single	Intra-articular	SAD (4.7%) DCR (11.6%)
	De Carli et al ⁴	NR	“Small to large” full thickness tears	Instability: 5 Partial tear: 23 Tendinosis : 7	NR	Intra-articular	NR
	Nho et al ¹⁹	SS: 100% Sub: 100%	SS: 1.6±0.9cm (mean) Sub: All full thickness tears ranging from 25% to 100% of tendon	Instability: 13	Double	Open, subpectoral approach	SAD (100%) DCR (31.0%)
	Ji et al ⁹	SS: 100%	All “partial” thickness tears (Grade AIII as per Ellman et al ⁹)	Instability: 6 Partial tear: 33	Single	Intra-articular	SAD performed “when indicated”
	Kim et al ¹⁰	SS: 100% Sub: 100%	SS: “Partial” thickness tears (Grade AII and AIII as per Ellman et al ⁹) Sub: Full thickness tears involving “upper 1/3 to 2/3 of tendon”	All had either “degeneration of LHB or degenerative SLAP”	Single	Intra-articular	NR
	Lu et al ¹⁶	NR	All “massive” full thickness tears	NR	NR	Intra-articular	NR
	Zhang et al ²⁷	NR	“Small”: 36 “Medium”: 24 “Large”: 14	Instability: 14 Partial tear: 50 Tendinosis: 22 SLAP: 17	Single: 49 Double: 25	Intra-articular	SAD: 14 DCE: 5
Tenotomy	Franceschi et al ⁸	SS: 100% IS: 43.8%	8 “small (<1cm),” 15 “medium (1-3cm),” and 9 “large (3-5cm)” full thickness tears	SLAP: 32	Single		SAD (28.1%)
	Kim et al ¹¹	NR	All “large to massive” full thickness tears with >3cm diameter (as	SLAP: 20	Single		NR

			per Cofield et al ⁴) Mean tear size: 38.4mm (range: 30-55 mm)				
	Dezaly et al ⁵	SS: 100% IS: 100%	All tears “considered repairable” (Grade 2 or less fatty infiltration as per Goutallier et al ^{13,14})	NR	Single (35.3%) Double (64.7%)		SAD (100%)
	Koh et al ¹²	SS: 100%	3 “partial” thickness tear 6 “small”, 16 “medium”, and 16 “large-massive” full thickness tears	Instability: 0 Partial tear: 29 Tendinosis : 3 SLAP: 21	Single		SAD (14.6%) DCR (7.3%)
	De Carli et al ⁴	NR	“Small to large” full thickness tears	Instability: 3 Partial tear: 20 Tendinosis : 7	NR		NR
	Zhang et al ²⁷	NR	“Small”: 35 “Medium”: 27 “Large”: 15	Instability: 17 Partial tear: 53 Tendinosis: 18 SLAP: 19	Single: 50 Double: 27		SAD: 17 DCE: 6

*Double, double row; single, single row.

+DCR, distal clavicle resection; SAD, subacromial decompression.

[^]IS, infraspinatus tendon; SS, supraspinatus tendon; Sub, subscapularis tendon.

NR, not reported.