

TABLE E-1 Summary of Data on Patients with Full-Thickness Rotator Cuff Tear

Age (yr)	Sex	Interval Between Trauma and Evaluation in Clinic (days)	Mechanism	Tear Location	Cuff Retraction (cm)
19	M	85	Motor-veh. acc.	Supraspinatus & subscapularis	4.5 (supraspinatus)
19	M	402	Motor-veh. acc.	Supraspinatus (recurrent tear) & subscapularis (torn at injury)	1.1
22	M	110	Motor-veh. acc.	Subscapularis & avulsion of greater trochanter	1
31	M	93	Fall from height	Supraspinatus (nearly complete tear) & avulsion of greater trochanter	None
36	M	112	Struck by tree	Supraspinatus (nearly complete tear)	None
37	M	138	Skiing (avalanche)	Supraspinatus	None
39	M	249	Automobile-pedestrian acc.	Supraspinatus & infraspinatus	2-3
40	M	54	Snowmobile	Supraspinatus	None
42	M	140	Parachute	Supraspinatus & infraspinatus	Unknown
42	M	144	Motor-veh. acc.	Supraspinatus, infraspinatus, & subscapularis	3
42	M	109	Motor-veh. acc.	Subscapularis	None
45	M	188	Motor-veh. acc.	R & L supraspinatus	Minimal (R) & 0.7 (L)
46	F	9	Motor-veh. acc.	Infraspinatus	1.5
46	M	193	Motor-veh. acc.	Supraspinatus & subscapularis	5-6 (supraspinatus) & 2-3 (subscapularis)
48	M	216	Motor-veh. acc.	Subscapularis	Unknown
48	M	29	Motorcycle collision	Supraspinatus	None
52	M	100	Traction injury	Supraspinatus	Unknown
55	M	199	Motorcycle collision	Supraspinatus	None
57	M	216	Fall from standing height with shoulder dislocation	Supraspinatus & infraspinatus	6-7
65	M	165	Fall with shoulder dislocation	Supraspinatus	4-5
75	M	62	Fall with shoulder dislocation	Supraspinatus & infraspinatus	4-5
75	M	139	Hang-gliding acc. with shoulder dislocation	Supraspinatus & infraspinatus	Unknown
79	M	96	Crush injury	L supraspinatus & infraspinatus, R supraspinatus	2-3 (L) & unknown (R)

TABLE E-1 (continued)

Shoulder History Prior to Injury	Shoulder Treatment After Injury & Prior to Presentation	Nerve Injury
None	Open reduction & open rotator cuff repair	Incomplete R posterior cord injury
None	Open supraspinatus & subscapularis repair at another institution, biceps tenodesis, labral repair. Recurrent supraspinatus tear at presentation	L axillary & suprascapular n. injuries
None	None	L spinal accessory n. compression & recovering upper trunk injury
None	Injection × 1	L brachial plexopathy
None	None	Complete brachial palsy
L shoulder dislocation and prior Bankart repair	None	Recovering L lower trunk sensory injury
Prior arthroscopic labral repair	None	Complete brachial palsy
None	None	Axillary n. injury, ulnar n. conduction block, suprascapular & radial n. scarring
None	Rotator cuff repair prior to presentation	Axillary & musculocutaneous n. injuries
None	None	Upper trunk injury
None	None	L C5-T1 n. avulsions
None	None	L axillary n. injury
None	None	Incomplete L axillary & suprascapular n. injuries
None	None	L ulnar & axillary n., incomplete suprascapular n., & partial posterior cord injuries
None	Rotator cuff repair prior to presentation	Axillary n. rupture & partial musculocutaneous n. injury
None	None	Partial R C5-C7 n. injuries
None	Rotator cuff repair prior to presentation	Upper trunk injury (mostly axillary nerve)
None	None	L C5-C7 palsy, recovering C8 & T1 n. injuries
None	None	Recovering R panplexopathy, median & ulnar n. lesions
None	None	Recovering panplexopathy, distal radial & ulnar n. injuries not recovering
Long history of limited shoulder elevation <90°	Shoulder reduction	Axillary n. injury
None	Rotator cuff repair at another institution prior to presentation, recurrent tear at presentation	R axillary & suprascapular neurapraxia
None	None	Bilat. diffuse plexopathy