

TABLE E1

Range of Motion	Preop	Postop	P values
Forward Flexion	174.2 ± 10.7	169.7 ± 14	P=0.07 NS
Internal Rotation	T5.3 ± 1.2	T6.6 ± 1.8	P=0.0045 S
External Rotation	66.8 ± 7.7	58.4 ± 11.5	P=0.0028 S

S = significant    NS = not significant

TABLE E2

Failures	Volition	Direction	Cause	Complication/Remarks	FF Pre	FF Post	ER Pre	ER Post	IR Pre	IR Post
Failed at 9 mos.	voluntary-positional	posterior	atraumatic	redislocation, posterior	160	160	70	70	T6	T6
	involuntary	anterior-inferior	traumatic		180	180	80	80	T4	T4
Failed at 8 mos.	voluntary-positional	multidirectional	atraumatic	multiple instability episodes/open inferior shift	140	140	55	50	T9	T8
Failed at 9 mos.	involuntary	anterior-inferior	traumatic	traumatic anterior dislocation/open repair	180	180	60	60	T4	T4
	involuntary	anterior-inferior	atraumatic	sensory dysesthesia, axillary nerve/resolved 4 mos.	180	160	75	40	T5	T9
	involuntary	anterior-inferior	traumatic	sensory dysesthesia, axillary nerve/resolved 3 mos.	180	150	65	40	T6	T10
Failed at 7 mos.	voluntary-positional	posterior	traumatic	redislocation, posterior/open posterior shift	180	180	55	55	T5	T5
Failed at 7 mos.	Involuntary	posterior	traumatic	recurrent posterior instability	170	180	80	75	T4	T6
	Involuntary	multidirectional	traumatic		180	180	70	60	T5	T6
	Involuntary	anterior-inferior	traumatic		180	180	65	60	T6	T7
Failed at 14 mos.	Involuntary	anterior-inferior	atraumatic	multiple subluxations	180	180	70	70	T4	T4
Failed at 8 mos.	voluntary-positional	posterior	traumatic	posterior instability	170	170	65	60	T6	T7
	Involuntary	anterior-inferior	traumatic		180	180	55	50	T5	T6
	involuntary	anterior-inferior	atraumatic	axillary nerve weak, pain, adhesive capsulitis/resolved 10 mos.	160	140	70	45	T6	T9
	involuntary	multidirectional	atraumatic		180	160	75	45	T4	T8
Failed at 8 mos.	involuntary	posterior	atraumatic	sensory dysesthesias, redislocation	170	170	60	55	T6	T9
	involuntary	anterior-inferior	traumatic		180	180	70	70	T5	T5
	involuntary	anterior-inferior	atraumatic		180	180	65	65	T5	T6
Failed at 11 mos.	involuntary	multidirectional	atraumatic	recurrent instability, subluxations/open shift	180	175	65	60	T6	T6