

Dr. Brent Carlson

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ARTHROSCOPIC ROTATOR CUFF (MASSIVE) REPAIR PROTOCOL

** See notes regarding biceps tenodesis and subscapularis involvement**

Goals for large rotator cuff repairs involving the infraspinatus and/or subscapularis along with the typical supraspinatus are modified. Passive ROM is still stressed but a focus is on the table slides, away from pulleys or rolling the ball and a more conservative timeline is held for instituting active motion and strengthening.

	WEEK 1-2 Begins on DOS	WEEK 3-5	WEEK 6-9	WEEK 10-12	WEEK 13+	
PASSIVE SCAPTION	At least 0-60° as tolerated	At least 0- 90° as tolerated	Goal: Full PROM for scaption and then flexion, as soon as possible			
ACTIVE SCAPTION	None	None	None	None	As tolerated	
PASSIVE FLEXION	Painfree, no restrictions on ROM, except with a subscapularis repair 0-90° until 4 weeks then advance as tolerated					
PASSIVE ER Subscapularis repair restrictions are **	0-30° Subscapularis*0-10°*	As tolerated, do not push through pain. Advance as able. **increase by 10° increments each week**				
ACTIVE ER	None	None	None	As tolerated		
IMMOB/SLING	yes	Bolster may be weaned per MD	Yes	Wean, D/C as able. Start by wearing in community and at night, decrease use from there.		
P.T. visits/week	1-3	2-3	2-3	2-3	2	
EXERCISES **For surgery with biceps tenodesis and biceps tenotomy, active elbow flexion avoided for 6 weeks. ** • PT visits/week may vary • Individual exercise progression may vary	AROM (cervical, elbow, wrist & hand) ** Biceps Tenodesis and tenotomy restrictions	Focus on PROM. See note below.	AAROM for IR and ER	AROM (ER, IR) Start to push IR more aggressively if needed at 10 weeks	AROM (ABD and FLEX)	
	PROM: Scaption, abduction/ER/IR	Increase PROM for Scaption and Rotation as tolerated, follow parameters above. PROM to AAROM for Abduction after 12 weeks.				
	PROM Note: Table slides with the patient seated, smooth surface, gradual increase in motion to be done for the duration of the recovery. Wand assisted ER in supine, elbow elevated on roll of towels. Avoid increase in pain. Emphasize relaxation.					
	Glenohumeral joint mobilizations, Scapular mobilizations.	Progress joint mobilizations based on patient's need, include scapular accessory.		AROM for elbow with biceps involvement.		
	Start proprioceptive, rhythmic stabilization, gently in a modified neutral position					
Any questions, please contact: Northwoods Therapy Associates Altoona, WI (715) 839-9266 Chippewa Falls, WI (715) 723-5060 June 2020	Passive pendulums	Scapular retraction/depression	Progress with scapular exercises; add resistance for row, extension, After week 8: Add horizontal abd, then resistance as tolerated. With biceps involvement, progress resistance as tolerated for elbow flex.			
<i>Please call Dr. Carlson with any questions regarding progression.</i>		Weight bearing in closed kinetic chain position	Isometrics-start gentle, sub-max FLEX, EXT, ER, IR No pain increase. Advance to HEP with good replication.	Manual resistance and/or tubing PRE's, small weights UBE	Work at 90/90 position, PNF's, activity/task specific exercises.	

