



Arthroscopic Rotator Cuff Repair with Biceps Tenodesis Rehabilitation Program

Chris Schaefer, M.D.

Diagnosis: Right / Left RTC Repair w/Biceps Tenodesis _____

Date of Surgery: _____

Weeks 0-4 (Phase I):

- Sling in neutral rotation (padded abduction sling)
- Codman/Pendulum exercises, elbow and wrist ROM
- Wrist and elbow ROM, grip strengthening

Weeks 4-6 (Phase II):

- D/C sling after 4 weeks per therapist instruction
- True PROM only! The rotator cuff tendon needs to heal back into the bone
- ROM goals: 140° FF/40° ER at side; ABD max 60-80° without rotation
- No resisted motions of shoulder until 12 weeks post-op
- PROM→AAROM→AROM of elbow without resistance. This gives biceps tendon time to heal into new insertion site on humerus without being stressed
- Encourage pronation/supination of forearm without resistance
- Begin AROM for elbow in all directions with passive stretching at end ranges to maintain or increase biceps/elbow flexibility and ROM
- Grip strengthening
- No canes/pulleys until 6 weeks post-op, because these are active-assist exercises
- Heat before PT, ice after PT per therapist's discretion

Weeks 6-12 (Phase III):

- Begin AAROM →AROM as tolerated
- Goals: Same as above, but can increase as tolerated
- Light passive stretching at end ranges
- Begin scapular exercises, PRE's for large muscle groups (pecs, lats, etc)
- At 8 weeks, can begin strengthening/resisted motions
- Isometrics with arm at side beginning at 8 weeks

Months 3-12 (Phase IV):

- Advance to full ROM as tolerated with passive stretching at end ranges
- Advance strengthening as tolerated: isometrics → bands → light weights (1-5 lbs); 8-12 reps/2-3 sets per rotator cuff, deltoid, and scapular stabilizers
- Only do strengthening 3x/week to avoid rotator cuff tendonitis
- Begin eccentrically resisted motions, plyometrics (ex. Weighted ball toss), proprioception (es. body blade)
- Begin sports related rehab at 4 ½ months, including advanced conditioning
- Return to throwing at 6 months
- Throw from pitcher's mound at 9 months
- Collision sports at 9 months

- MMI is usually at 12 months post-op