

## Circumferential Labral Repair Physical Therapy Protocol

**David P. Trofa, M.D.**

Assistant Professor of Orthopaedic Surgery, Columbia University Medical Center

Chief of Sports Medicine, New York-Presbyterian Westchester

Director of Clinical Outcomes, Department of Orthopaedic Surgery

Head Team Physician, Columbia University

[www.DavidTrofaMD.com](http://www.DavidTrofaMD.com)

Patient Name: \_\_\_\_\_

Date of Surgery: \_\_\_\_\_

### Associated Procedures (*checked if applicable*):

- Remplissage
- Osseous Bankart repair: If performed, phase I is 0-6wks

### \_\_ Phase I (0-4 wks): *Period of protection.*

- **Weeks 0-1: No formal PT necessary.**
  - **Sling:** At all times, except for hygiene and home exercise programs.
  - **Home Exercises:** pendulums, elbow and wrist ROM, grip strengthening.
- **Weeks 1-4 (1-6 if osseous Bankart performed): Begin formal PT (2-3x/wk)**
  - **Sling:** At all times, except for hygiene and home exercise programs.
  - **ROM:** Restrict motion to 90° FF, 20° ER at the side, IR to the stomach, 45° abduction.
    - Progress PROM → AAROM → AROM as tolerated within the above limits
    - No cross-body adduction for 6 weeks
  - **Strengthening:** Cuff/periscapular/deltoid isometrics in sling.

### \_\_ Phase II (4-8 wks): *Transition to active motion and protected strengthening.*

- **Sling:** Discontinued after 6 weeks.
- **ROM:** Progress AROM 160° FF, 45° ER with arm at the side, 90° abduction, IR behind back to the waist.
  - Avoid aggressive passive stretching in forward flexion, cross-body adduction and IR.
- **Strengthening:**
  - Progress cuff/deltoid and periscapular strengthening (isometrics/light bands) within above motion limits
  - Modalities per PT discretions

### \_\_ Phase III (8-12 wks): *Advance ROM and more aggressive strengthening*

- **ROM:** Advance passive ROM to full with gentle passive stretching at end ranges. Advance to full active ROM as tolerated.
- **Strengthening:**
  - Advance as tolerated from isometrics → bands → light weights (1-5lbs) with 8-12 reps x2-3 sets for cuff, deltoid and scapular stabilizers
  - Only perform 3x/week to avoid cuff tendonitis

\_\_ **Phase IV (3-12mo): Progress to sport-specific/occupation-specific rehab.**

- **ROM:** If ROM lacking, advance to full via gentle passive stretching at end ranges
- **Strengthening:**
  - Continue with light weights 3x/wk
  - Begin eccentrically resisted motions, plyometrics (weighted ball toss), proprioception (body blade) and closed-chain strengthening.
  - Transition to sports-specific/job-specific rehab and advanced conditioning as tolerated.
  - Return to sports:
    - @ 4-5mo: Tennis, Golf
    - @ 6mo: Collision Sports (Hockey, Football, Rugby, Wrestling, Soccer)
  - Throwing:
    - @ 4.5mo: If full strength can return to light tossing
    - @ 6mo: Throwing from pitcher's mound
  - Work:
    - Overhead work without lifting is possible @ 4.5-6mo
    - Resume heavy labor once full-strength achieved (usually 6-9mo)