

# Rehabilitation Protocol: Arthroscopic Anterior Shoulder Stabilization (Bankart Repair / Capsulorrhaphy)

## Phase I (Weeks 0-4)

Sling immobilization at all times except for showering and rehab under guidance of PT No motion for first 2 weeks.

#### Goals:

Protect the anatomic repair

Prevent negative effects of immobilization

Promote dynamic stability and proprioception

Diminish pain and inflammation

Range of Motion (may only start after week 2!) - PROM

o Restrict motion to  $90^\circ$  of Forward Flexion (Toes to Nose),  $45^\circ$  of Abduction,  $20^\circ$  of External Rotation and Internal Rotation to stomach

### Therapeutic Exercise

o Elbow/Wrist/Hand Range of Motion

o Grip Strengthening

o Isometric Abduction, Internal/External Rotation exercises with elbow at side

Heat/Ice before and after PT sessions

# Phase II (Weeks 4-6)

Discontinue sling immobilization

Range of Motion – PROM  $\rightarrow$  AAROM  $\rightarrow$  AROM

Gradually improve ROM

- Flexion to 145 degrees
- ER at 45 degrees abduction: 55-50 degrees
- IR at 45 degrees abduction: 55-60 degrees
- May initiate stretching exercises
- Initiate exercise tubing ER/IR (arm at side)
- Scapular strengthening
- PNF (Proprioceptive neuromuscular facilitation) manual resistance

## Therapeutic Exercise

o Advance isometrics from Phase I to use of a theraband within AROM limitations

- o Continue with Elbow/Wrist/Hand Range of Motion and Grip Strengthening
- o Begin Prone Extensions and Scapular Stabilizing Exercises (traps/rhomboids/levator scapula)

o Gentle joint mobilization

Modalities per PT discretion

## Phase III (Weeks 6-14)

#### Goals:

Gradually restore full ROM (week 10)

Preserve the integrity of the surgical repair

Office: 214-631-9881 • Fax: 866-531-8106



Restore muscular strength and balance Enhance neuromuscular control

Range of Motion -

Gradually progress ROM:

- Flexion to 160 degrees
- Initiate ER/IR at 90 degrees abduction
- ER at 90 degrees abduction: 70-80 degrees at week 7
- ER to 90 degrees at weeks 8-9
- IR at 90 degrees abduction: 70-75 degrees
- Continue to progress isotonic strengthening program
- Continue PNF strengthening

Weeks 10-14

- May initiate slightly more aggressive strengthening
- Progress isotonic strengthening exercises
- Continue all stretching exercises
- \*\*Progress ROM to functional demands (i.e. overhead athlete)
- Progress to isotonic strengthening (light and restricted ROM)

<u>Therapeutic Exercise</u> – Advance theraband exercises to light weights (1-5 lbs)

- o 8-12 repetitions/2-3 sets for Rotator Cuff, Deltoid and Scapular Stabilizers
- o Continue and progress with Phase II exercises
- o Begin UE ergometer

Modalities per PT discretion

#### Phase IV (Weeks 14-24)

## Criteria to Enter Phase IV

- 1) Full non-painful ROM
- 2) Satisfactory stability
- 3) Muscular strength (good grade or better)
- 4) No pain or tenderness

#### Goals:

Maintain full ROM

Improve muscular strength, power and endurance

Gradually initiate functional activities

Range of Motion – Full without discomfort

Therapeutic Exercise – Advance exercises in Phase III (strengthening 3x per week)

o Sport/Work specific rehabilitation

o Return to throwing at 4.5 months

o Return to sports at 6 months if approved

Modalities per PT discretion

Office: 214-631-9881 • Fax: 866-531-8106