

EXCEPTIONAL ORTHOPAEDIC CARE BEGINS HERE

# Ryan Livermore, M.D.

10100 East Shannon Woods Circle Suite 100 Wichita, KS 67226

(316) 219-8299

# PHYSICAL THERAPY SHOULDER ARTHROSCOPY WITH POSTERIOR INSTABILITY REPAIR

# Weeks 2-4: Phase I

<u>Sling Immobilizer:</u> At all times (with waist strap) when not doing exercises Exercises:

AROM elbow/wrist

PROM ER to 30

Gripping exercises

Scapular isometrics

Pain-free, submaximal deltoid isometrics (start at week 3)

Protect posterior capsule from stretch

Limit IR and horizontal adduction to neutral

Modalities as needed

Advancement Criteria: ER to 30deg

Minimal pain and inflammation

# Weeks 4-6: Phase II

<u>Sling Immobilizer:</u> At all times (with waist strap) when not exercises Exercises:

Active Assisted FF in scapular plane to 90: wand exercises, pulleys

Active Assisted ER to 45 degrees: wand exercises

Limit IR and horizontal adduction to neutral

Pain-free, submaximal deltoid and IR/ER isometrics

Manual scapula side-lying exercises

Modalities as needed

Advancement Criteria: Minimal pain and inflammation

ER to 45/ FF to 120 IR/ ER strength 4/5

#### Weeks 6-12: Phase III - Motion Phase

#### Exercises:

Active assisted FF in scapular plane to 160

Begin active FF in scapular plane if RTC and scapular strength adequate

Active assisted ER to tolerance

Begin active assisted ROM for IR w/ arm in 45deg abduction

Scapular strengthening program, protecting posterior capsule

Begin latissimus strengthening

Deltoid and RTC isometrics, progressing to isotonics with emphasis on posterior cuff

- stress eccentrics

Begin humeral head stabilization exercises if strength adequate

Begin upper extremity flexibility exercises

Isokinetic training and testing

Modalities as needed

### Advancement Criteria:

Normal scapulohumeral rhythm

Minimal pain and inflammation

IR/ER strength 5/5

Full upper extremity ROM

Isokinetic IR strength 85% of unaffected side

#### Weeks 12-18: Phase IV

# Exercises:

Continue full upper extremity strengthening (emphasize eccentrics)

Progress to full functional ROM

Advance IR/ER strengthening to 90/90 position if required

Continue upper extremity flexibility exercises

Isokinetic strengthening and testing

Activity-specific plyometrics program

Address trunk and lower extremity demands

Begin sport or activity-related program

Modalities as needed

# Discharge Criteria:

Pain-free sport or activity-specific program

Isokinetic IR/ER strength equal to the unaffected side

Independent home exercise program