

# **Bankart Repair Protocol**

Applicability: Physician Practices	Date Effective: 11/2016
Department: Rehabilitation Services	Date Last Reviewed: 01/2019
Supersedes: Dr. Beattie Arthroscopic Bankart Repair Accelerated	Date Last Revised: 01/2021
Protocol and Arthroscopic Bankart Repair Traditional Protocol	
Administration Approval: Deanna Orfanidis VP, Chief Nursing Officer	

**Purpose:** To define the protocol to be followed for all patients referred from Northwestern Orthopedics after the above procedure has been performed.

**Policy Statement:** Treatment will follow the defined protocol below and be carried out by Physical Therapist, Athletic Trainer and/or Physical Therapy Assistants.

**Background:** 80-90% of Bankart Repairs are performed with an anterior arthroscopic approach. Open approaches and Posterior Arthroscopic Approaches will be modified per MD orders on the patient's discharge instructions.

**Definitions:** A Bankart lesion is when the anterior/inferior portion of the labrum is torn away from the glenoid fossa. This is usually caused by a dislocation of the glenohumeral joint anteriorly, or forward. The surgical technique used to correct a Bankart lesion is simply called a Bankart lesion repair. The goal of the Bankart surgery is to reconnect the torn labrum to the glenoid fossa, thus repairing and stabilizing the joint to prevent further dislocations.

#### **Procedure:**

Outpatient Physical Therapy will begin at post op day 1-2 for pt education and dressing change then resume at 3 weeks post-op.

## **IMMEDIATE POSTOP PHASE "Restrictive Motion" (Week 0-6)**

Goals: Protect the anatomic repair of the capsule
Prevent negative effects of immobilization
Promote dynamic stability and proprioception
Diminish pair and odoma

Diminish pain and edema

## We<u>ek 0-2</u>

Edema Control: cryocuff or ice

Sling: for 6 weeks, remove for bathing. Sleep in sling for 6 weeks

Avoid: active shoulder motion



Suggested Exercises: Hand gripping

Hand, wrist, elbow and cervical AROM & isometrics

### Weeks 3 - 6

Edema Control: cryocuff and/or ice

Sling: continue use of sling day and night until 6 weeks post-op Precautions: Avoid excessive shoulder extension or elevation No active shoulder external rotation for 6 weeks

Suggested Exercises: Initiate pendulums

Initiate AROM for shoulder flexion and abduction

Gentle shoulder ROM exercise (PROM and self PROM with wand/pulley)

Extension to tolerance Flexion to 90 degrees Abduction to 90 degrees Scaption to 90 degrees

ER at 15-20 degrees abduction: 55-60 degrees IR at 55-60 degrees abduction 55-60 degrees

Shoulder gentle isometrics in neutral (no ER isometrics)

rhythmic stabilization in supine

Initiate scapular strengthening program (prone horizontal

abduction, scapular row, supine serratus press)

### Weeks 6-7

Continue use of ice/cryocuff

Wean from sling at 6 weeks post op

Suggested Exercises: Continue AROM for shoulder flexion, IR and abduction

Initiate AROM for shoulder external rotation at 6 weeks post op

Gradually improve ROM

Flexion to 145 degrees

ER at 45 degrees abduction: 55-60 degrees IR at 45 degrees abduction 55-60 degrees

Initiate stretching exercises

Initiate ER/IR theraband resistance with arm at side

Continue Scapular strengthening

Patient may perform medium work tasks with both hands

## **INTERMEDIATE PHASE: Moderate Protection Phase (Weeks 7-14)**

Goals: Restore full ROM (week10-12)



Perserve the integrity of the surgical repair of the capsule Restore muscular strength and balance Enhance neuromuscular control

Weeks 7-9

Suggested Exercises: 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 strengthening program

Functional strengthening and strengthening away from neutral

Weeks 10-14

Suggested Exercises: Progress strengthening exercises

Continue all stretching exercises

Patient may perform heavy tasks at waist level or below

# **MINIMAL PROTECTION PHASE: (weeks 15-20)**

Goals: Maintain full ROM

Improve muscular strength, power and endurance

Gradually initiate functional activities

### Criteria to enter this phase:

- Full non-painful ROM
- Satisfactory stability
- Muscular strength (4 or better)
- No pain or tenderness

#### Weeks 15-20

Suggested Exercises: Continue all stretching exercises (capsular stretches)

Continue strengthening exercises: Shoulder and scapular strengthening

**Endurance training** 

Restricted sport activities (light swimming, half golf swings)

### ADVANCED STRENGTHENING PHASE (Weeks 21-24)

Goals: Enhance muscular strength, power and endurance

Progress functional activities Maintain shoulder mobility

## Criteria to enter this phase:

- full non-painful ROM
- satisfactory static stability

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- Muscular strength (4+ or better)
- no pain or tenderness

### Weeks 21-24

Continue flexibility exercises
Continue strengthening program
Neuromuscular Control drills
Plyometric strengthening
Start throwing and engage in contact sports at 6 months
Swimmers can begin at 4-6 months with MD permission.

Return to work: Patient may perform overhead tasks, no repetitive overhead work. All repetitive exercises for shoulder at 90 degrees or less

## **RETURN TO ACTIVITY PHASE (Months 7-9)**

Goals: Gradual return to sport activities

Maintain strength, mobility, stability

## Criteria to enter this phase:

- full functional ROM
- satisfactory shoulder stability
- no pain or tenderness

Suggested Exercises: Gradually progress sport activities to unrestrictive participation Continue stretching and strengthening

**Note Well:** Variances will be communicated by the surgeon directly to Rehabilitation Services.

**Related Policies:** N/A

References: N/A

### **Reviewers:**

- A. Key Stakeholders:
  - Dr. Andrew Myrtue
     – Medical Director, Ortho & Rehab
  - Karen Staniels Director, Ortho, Rehab & Occupational Health
- B. Committees: N/A
- C. Key Process Owner (KPO): Kristy Cushing Manager, Rehab Services

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