



REHAB PROTOCOL: ARTHROSCOPIC ANTERIOR BANKART REPAIR

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i. Phase 1 - Immediate Postoperative Phase “Restrictive Motion” (Weeks 0 –6)

Goals: Protect the anatomic repair

- Prevent negative effects of immobilization
- Promote dynamic stability and proprioception
- Diminish pain and inflammation

Weeks 0 – 2

- Sling for 6 weeks
- Sleep in immobilize/swath for 8 weeks
- Elbow/Hand ROM
- Hand gripping exercises
- Passive and gentle active assistive ROM exercise
 - Flexion to 40° week 1
 - Flexion to 60° week 2
 - IR to 45°
- ***** NO active ER or Extension or Abduction *****
- Submaximal isometrics for shoulder musculature
- Proprioception drills
- Cryotherapy, modalities as indicated

Weeks 4

- Discontinue use of sling during the day sleep in sling 2 more weeks (if directed by surgeon)
 - Use of immobilizer for sleep as listed above
 - Continue gentle ROM exercises (PROM and AAROM)
 - Flexion to 90°
 - Abduction to 70°
 - ER/IR at 45° Abd in scapular plane
 - ER in scapular plane to 30°
 - IR in scapular plane to 55-60°
- *** NOTE: Rate of progression based on evaluation of patient ***

No excessive ER, extension or elevation

- Continue isometrics and rhythmic stabilization (submax)
- Core stabilization program
- Initiate scapular strengthening program
- Continue use of cryotherapy

Weeks 5 – 6

- Gradually improve ROM
 - Flexion to 140°
 - ER at 45°, Abduction: 55-50°
 - IR at 45°, Abduction: 55-60°
- May initiate stretching exercises
- Initiate exercises tubing ER/IR (arm at side)
- Scapular strengthening
- PNF manual resistance
 - Discontinue sling use at night

II. PHASE II – Intermediate Phase: Moderate Protection Phase (weeks 7 – 14)

Goals: Gradually restore full ROM (week 10)

Preserve the integrity of the surgical repair

Restore muscular strength and balance

Enhance neuromuscular control

Weeks 7-9

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

III. PHASE III – Minimal Protection Phase (Week 15 – 20)

Goals: Maintain full ROM

Improve muscular strength, power and endurance

Gradually initiate functional activities

Criteria to Enter Phase III

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

Weeks 15 – 16

- Continue all stretching exercises (capsular stretches)
- Continue strengthening exercise:
 - Thrower ten program or fundamental exercises
 - PNF manual resistance

- Endurance training
- Restricted sport activities (light swimming, half golf swings)
- Initiate interval sport program week 16 – 18

Weeks 18 – 20

- Continue all exercise listed above
- Process interval sport program (throwing, etc.)

IV. PHASE IV – Advanced Strengthening Phase (Weeks 21 – 24)

Goals: Enhance muscular strength, power and endurance
Progress functional activities
Maintain shoulder mobility

Criteria to Enter Phase IV

- 1) Full functional ROM
- 2) Satisfactory is kinetic test that fulfills criteria
- 3) Satisfactory shoulder stability
- 4) No pain or tenderness

Exercises

- Gradually progress sport activities to unrestrictive participation
- Continue stretching and strengthening program