PHASE I: Weeks 0-2 (Immediate Post Surgical Phase)

- SLING: FULL- TIME x 5-6 weeks except during showering or elbow ROM
- CRYOTHERAPY: For 2 weeks post-op and after PT
- SOFT TISSUE MODALITIES: Axilla, pec major/minor for pain & swelling
- **GOALS**: Protect repair, diminish pain/inflammation, enhance scapular function and achieve appropriate ROM.

PHASE I PRECAUTIONS:

- Educate patient: Avoid Abduction/ER Avoids anterior-inferior stress on repair
- No AROM of shoulder, No Lifting with operative shoulder.
- Sleep in Ultra-Sling
- Shower with arm at side.

EXERCISES: Weeks 1-2

- Pendulums, PROM/AROM elbow, wrist, hand & neck, grip strength ww Normalize scapular position, mobility and stability
- Shrugs (Up, Back and Down in Circular Motion)

PHASE II: Weeks 3-6 (Protection Phase/PROM)

- GOALS: Gradually restore shoulder PROM
- Achieve full Forward Flexion in scapular pane
- Achieve PROM of ER to 30° (with arm at side)
- No shoulder AROM, No lifting > coffee cup
- Continue sling through Week 6 (unless otherwise indicated)

Week 3

- Begin supine Active-Assisted ROM
 - 1) Supine Forward Elevation: Goal of 90° by Week 4, 120° by Week 5
 - 2) Passive Internal Rotation: With Wand (*Delay until 6 weeks for posterior repair)
- Scapular setting & prone scapular retraction
- OK to begin non-impact cardiovascular exercise (stationary bike)

Weeks 4-5

• Work on **ER PROM & AAROM** (with wand): ER to 30° @ neutral & then ER to 30° in 20° ABD

Week 6

- Work on ER PROM/AARPM: ER to 30° in 90° ABD
- Begin Table Slides + Wall Slides
- Continue Scapula Protraction/Retraction



PHASE I and II: EXERCISE EXAMPLES

1) Passive Supine Flexion/Forward Elevation: Lie on back & grasp wrist with non-op hand Passively raise operative arm overhead. Aim for 90° by week 4. In weeks 4-5, progress to 120°. Full ROM by 6 weeks. Keep elbow bent & relaxed.



2) **Pendulum Exercise**: Hold chair back with non-op hand & lean forward. Let operative arm hang down & use body to passively swing arm: Forward, backward, side-to-side & in small circles. Repeat throughout day as tolerated.



*POSTERIOR REPAIR/REVERSE BANKART

- **Please note following precautions:
- *For 6 weeks: No horizontal adduction, No Wall Push-Ups, No AP glides or posterior shearing *For 4 months: No push-ups, No bench press, No plank position

PHASE III: Weeks 6-12 (Intermediate Phase/AROM)

GOALS:

- Begin to **wean sling** in Week 6. **Discontinue completely** by end of Week 6.
- Allow use of operative extremity for light ADLs
- Progress AAROM (OK to begin pulleys + doorway stretches)
- Gradually progress to AROM (straight plane movements) + light strengthening
- Gradually increase ER PROM

PHASE III PRECAUTIONS

- No aggressive ROM/Stretching, NO Lifting > 5-8 lbs
- No strengthening in position of abduction & ER (i.e no Flys, Push-Ups)

EXERCISES

<u>Weeks 6-7</u>

- Continue to increase **ER PROM**: ER of 30°-50° at 20° ABD, then 45° at 90° ABD
- Begin limited Active ER (lateral or prone): Limit to 40° with arm at side
- Begin **Active Forward Flexion** (in scapular plane, progress as tolerated)
- Begin light biceps & triceps resistive exercises

Week 8

- Begin assisted-IR behind back
- Begin Prone Elbow Planks (*NOT UNTIL MONTH 4 WITH POSTERIOR LABRAL REPAIR*)
- Begin Push-ups (Advance weekly)

ROM LIMITS

Week 8

• Ok to start combined ABDUCTION/ER to 45°/45° (in clinic with PT/PTA ONLY)

Week 10

- Begin treadmill: Running Progression Program
- Progress ABD/ER to WNL
- AROM should be WNL

PHASE IV: Weeks 13-20 (Strengthening Phase)

EXERCISES

Week 13

- Continue resistive strengthening & T-Band work in Abduction/Adduction. ww Begin Horizontal Abduction strengthening.
- Start **Bilateral UE Plyometrics, Two-Handed** Ball Toss Against Wall.
- OK to begin Pectoral Flys at Week 13-14
- Start gentle swimming Breast stroke only

Week 16

- Initiate Unilateral UE Plyometrics, Single-Handed Ball Toss
- Start freestyle swimming @50% effort
- Soft Toss @50% effort, close distance
- Throwing Mechanics assessed by coach or PT
- Sport Specific drills with limited effort to 50%

Weeks 17-20

- Progressive weight-training (no elbow flexion>90° with bench/dips)
- Initiate interval throwing program on level ground

PHASE V: Week 21-26 (Advanced Strengthening Phase)

- Initiate T-Band ER/IR at 90° Abduction (slow/fast sets)
- Continue strengthening program to progress endurance
- Progress Interval throwing program and/or initiate Sports-specific drills (including long-toss)

Phase VI: Months 6+ (RETURN TO SPORT/ACTIVITY)

- Clear for contact sports after 6 months
- Continue/advance sports-specific drills







