

Proximal Humerus Fracture Non Operative Rehabilitation Protocol

1-4 Weeks:

- Sling wear at all times except for exercises and hygiene, including at night
- Use cold pack for pain relief and to decrease inflammation
- Posture education
- Scapular retraction and depression
- Pendulum exercises 7-10 days
- Move uninvolved joints
- Do not actively fire the shoulder muscles, no lifting arm away from body
- Gentle PROM depending on fracture/stability, may be too painful at this point

5-8 Weeks:

- Wean from sling at 6 wks
- Continue to use cold pack
- Grade I-II ST and GH joint mobs for pain relief
- PROM/AAROM to 90 degrees forward flex, progress as tolerated (about 20 degrees per week), ER per tolerance, IR in scapular plane
 - Pulleys
 - No IR behind back or posterior capsule stretch

9-12 Weeks:

- Continue with PROM as tolerated until full PROM is achieved
- Begin AROM in supine, then standing per tolerance
- Begin posterior capsule stretch and IR behind back
- Pec minor stretching
- Grade II-IV joint mobs
- Submaximal isometrics
- Anterior deltoid strengthening and continue with scapular stabilization
- Work on force couple between the upper trap and serratus anterior to create a more stable base
- Monitor for compensatory patterns

12 Weeks and Beyond:

- RC and scapular strengthening
- Big emphasis on posterior capsule stretching
- Job/athletic specific training
- Progress to HEP