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Proximal Clavicle Resection

0-2 weeks post op

- Modalities as needed
- Sling x 4 weeks
- RC isometrics into flexion, extension, abduction, adduction, IR/ER in neutral
- Scapular ex's - **elevation** with shrugs, **depression**, **protraction**, **retraction** with manual resistance
- PROM with shoulder pulleys
 - Flexion to 90°
 - Abduction to 90°
 - IR to 90°
 - ER to 45°
- Avoid horizontal adduction stretching for 6 weeks

4 weeks post op

- Discontinue sling
- Cont. as above
- Begin AAROM ex's supine or standing with wand or wall walks

6 weeks post op

- Begin isotonic for Core RC strengthening advance the weight on all ex's to 6-8lbs, 5-6 sets of 15-20 reps
 - Flexion with thumb up - arm at 90°, flex arm forward fully, 12 O'clock position
 - Abduction to 100° with thumb up -- arm at 90° in prone, abduct arm into scapular plane level with body, 2 O'clock position for right handed patients
 - Abduction to 45° with thumb up - arm at 90° in prone, abduct arm level with body, 4 O'clock position for right handed patients
 - Extension with arm at max ER - arm at 90° in prone, extend arm to level of body, 6 O'clock position
 - Scaption to 90° thumb pointing up, elevate arm in plane of scapula (empty can position)
 - Scaption to 60° thumb pointing down, elevate arm same as above but stop at 60°
 - Standing or Side lying ER externally rotate arm in 20-30° abduction (pillow helps with position)
- Begin isotonic for peri-scapular strengthening progress as heavy as tolerated
 - Elevation - continue with shrugs vertical motion only do not roll shoulders
 - Depression - seated press ups hands at hips flat on floor, elbows locked, lift bottom off floor while moving only from scapulas, (not a dip motion), use hand blocks to increase height when able
 - Protraction - supine - 2" punches - arm flexed to 90°, elbow locked, motion is from scapula as arm is "punched" forwards, use hand weights, move to push ups with a plus (push up position and perform same movement with body weight) when able
 - Retraction - prone rows arm at 90°, elbow locked out or bent to 90°, use hand weight and retract scapula pinching them together
- Proprioception ex's - rhythmic stabilization, physioball balance ex's etc

8 weeks post op

- Cont. as above
- Full pain free ROM
- Begin conventional weight lifting with machine weights and progress slowly to free weights as desired
- Full ROM isokinetics (throwing wand for throwers) and advance to higher speeds when able

10 weeks post op

- Cont. with strengthening
- Begin interval throwing program if strength test passed

Return to Sport/Activity

- When cleared by physician
- Passing strength test if requested
- Completion of throwing program if requested
- NO pain with full ROM (Neer or Hawkins tests (-))