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## **Rehabilitation Protocol**

### **Ulnar Collateral Ligament Reconstruction Throwing Progression**

#### **Phase I: Early ROM & Protect Repair** (*0 to 6 weeks*)

- Splint and postop dressing remains in place for the first week.
- Sutures will be removed by surgeon in 10-14 days.
- Night splint (60 degrees flexion) is to be worn at during day and night (after the initial dressing removed)
- Initiate elbow exercise program 5 times per day:
  - Passive and active elbow ROM to full flexion
  - Elbow extension to 30 (with forearm pronated)
  - Forearm pronation/supination ROM with elbow at 90 degrees flexion
- Grip and wrist/hand AROM immediately.
- Avoid terminal 30 degrees extension, perform supination ROM only with the elbow flexed to 90 degrees.

#### **Phase II: Full ROM and function** (*>6 weeks*)

- Discontinue night splint.
- Advance ROM:
  - Full elbow and forearm ROM
  - Terminal elbow extension performed with the forearm neutral or pronated until 3 months.
- Initiate elbow and forearm strengthening.
- Avoid varus forces across the elbow until 3 months postop.
- Avoid activities creating axial load to involved extremity until 3 months postop.

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#### **4 Months**

- Advance rotator cuff strengthening
- Avoid Isokinetic internal rotation strengthening until 6 months
- Soft toss 30 to 40 feet with no windup, 10 to 25 minutes per session, 3 days per week
- Ice post throwing

#### **5 Months**

- Increase tossing distance to 60 feet with no windup, 15 minutes per session, 3 days per week
- Ice post throwing

#### **6 Months**

- Isokinetic rotator cuff strengthening as tolerated
- Easy windup added to throwing, limit distance to 60 feet, 50% effort, 15 minutes per session
- Ice post throwing

#### **7 Months**

- Throw with 50% effort, 60 to 90 feet, 20-30 minutes, 3 days per week

#### **8 Months**

- If cleared by physician, advance to 70 % effort throwing for 30 minutes, 3 days per week

#### **9-12 Months**

- Advance throwing effort to 80% at 9 months from the mound, 30 minute max
- Increase to 90-100% at 10 months
- Focus on pitching mechanics
- No competitive pitching until full progression tolerated well and minimum 11 months post surgery