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Ulnar Collateral Ligament Reconstruction/Repair Rehab Protocol

	Range of Motion	Immobilizer	Exercises
Phase I 0-7 days	No valgus stress No elbow extension/ flexion Full AROM of wrist and shoulder	Splint for 1 week	May work on grip strength with stress ball Gentle stretching on wrist and fingers
Phase II 1-4 weeks	Gradually increase elbow ROM	Discontinue splint May use sling for 1 week if needed	Continue phase I At 2 weeks when incision healed start total body condition program
Phase III 1-2 months	Full ROM of elbow, wrist and shoulder	None	May add light weights for resistive elbow and forearm exercises
Phase IV 2-3 months	Full ROM of elbow, wrist and shoulder	None	Continue active, resistive exercises for entire upper extremity including rotator cuff

^{*}Start throwing program at 3 months IF there is no swelling and full pain free motion is achieved*

THROWING PROGRAM

If there is no swelling and full pain free motion is achieved start throwing program **Throwing program should be performed 3-4 times per week**

e after each throwing session to help decrease the inflammatory re

Apply ice after each throwing session to help decreas	se the inflammatory response
NUMBER OF THROWS	DISTANCE (ft)
Easy tossing (no wind up)	Gradually increase distance
20	20 (warm up)
25-40	30-40
10	20 (cool down)
Start easy wind up on alternate days	Gradually increase distance
10	20 (warm up)
10	30-40
30-40	50
10	20-30 (cool down)
Continue tossing ball occasional throw no more	Maximum distance 60 feet
10	30 (warm up)
10	40-45
30-40	60-70
	30 (cool down)
Phase I	Gradually increase to 150 feet maximum
10	40 (warm up)
	50-60
	70-80
	50-60
	40 (cool down)
Phase II	,
	40 (warm up)
	50-60
	80-90
	50-60
	40 (cool down)
	, ,
	40 (warm up)
	50-60
	80-90
	50-60
	40 (cool down)
	40 (warm up)
	60
	120-150
	60
_==	40 (cool down)
	NUMBER OF THROWS Easy tossing (no wind up) 20 25-40 10 Start easy wind up on alternate days 10 10 30-40 10 Continue tossing ball occasional throw no more than half speed 10 10 10 Phase I

7-8 months	Phase I	
*Progress to	10	60 (warm up)
throwing off	10	120-150 (lobbing)
the mound at	30	45 (off the mound)
½ to ¾ speed	10	60 (off the mound)
/= to // opcou	10	40 (cool down)
Make sure to:	Phase II	10 (000: 000)
-Stay on top of	10	50 (warm up)
ball	10	120-150 (lobbing)
-Keep elbow	20	45 (off the mound)
up	20	60 (off the mound)
-Throw over	10	40 (cool down)
top	Phase III	
-Follow	10	50 (warm up)
through with	10	60
arm and trunk	10	120-150 (lobbing)
	10	45 (off the mound)
	30	60 (off the mound)
	10	40 (cool down)
	Phase IV	
	10	50 (warm up)
	10	120-150 (lobbing)
	10	45 (off the mound)
	40-50	60 (off the mound)
	10	40 (cool down)
9-10 months	Day 1	
*Pitcher must	10 warm up	120-150 (lobbing)
successfully	10 warm up	60 (off the mound)
complete	40 pitches	60 (off the mound)
above phase	REST 10 MINS	REST 10 MINS
without pain	10 warm up	60 (off the mound)
throwing	20 pitches	60 (off the mound)
approx ¾	REST 10 MINS	REST 10 MINS
speed	10 warm up	60 (off the mound)
*May proceed	20 pitches	60 (off the mound)
to up/down	Day 2	
bullpens (1/2 -	OFF	
3/4 speed)	Day 3	
	10 warm up	120-150 (lobbing)
	10 warm up	60 (off the mound)
	30 pitches	60 (off the mound)
	REST 10 MINS	REST 10 MINS
	10 warm up	60 (off the mound)
	20 pitches	60 (off the mound)
	REST 10 MINS	REST 10 MINS
	10 warm up	60 (off the mound)
	20 pitches	60 (off the mound)

9-10 months	Day 4	
*Pitcher must	OFF	
successfully	Day 5	
complete	10 warm up	120-150 (lobbing)
above phase	10 warm up	60 (off the mound)
without pain	30 pitches	60 (off the mound)
throwing	REST 8 MINS	REST 8 MINS
approx ¾	20 pitches	60 (lobbing)
speed	REST 8 MINS	REST 8 MINS
*May proceed	20 pitches	60 (lobbing)
to up/down	REST 8 MINS	REST 8 MINS
bullpens (1/2 -	20 pitches	60 (lobbing)
3/4 speed)		
10-12 months	Pitcher is ready to begin normal routine, from throwing, batting practice to pitching bullpen	