

**PHYSICAL THERAPY PROTOCOL: ACI of Femoral Condyle**

Name: \_\_\_\_\_

Date of Surgery: \_\_\_\_\_

Diagnosis: \_\_\_\_\_

Signed: \_\_\_\_\_

**Frequency: 2-3 times per week x 12 weeks**

**Phase 1 → 0-6 Weeks Post-Op**

- Non weight bearing for 6 weeks

Brace:

- 0-2 weeks brace is locked in full extension at all times
  - o Take off for CPM and exercise only
- d/c after 2 weeks when able to do SLR without extension lag

Range of motion:

- 0-6 weeks use CPM for 6 hours per day
  - o Start at 0 to 40 degrees and advance 5 to 10 degrees each day as tolerated until full ROM

Exercises:

- First 2 weeks do quad sets, SLR, calf pumps, and passive leg hang to 90 degrees at home
- 2 to 6 weeks PROM → AAROM as tolerated for patella and tibiofibular joint mobs, quad, hamstring, and glute sets, SLR, side-lying hip and core

**Phase 2 → 6-8 Weeks Post-Op**

- Weight bearing to advance 25% each week until full weight bearing
- Full ROM
- d/c brace
- Advance Phase 1 exercises

**Phase 3 → 8-12 Weeks Post-Op**

- Full weight bearing

Exercises:

- Gait training, begin closed chain activities: wall sits, shuttle, mini-squats, toe raises
- Begin unilateral stance activities, balance training

**Phase 4 → 12 Weeks-6 Months Post-Op**

Exercises:

- Advance Phase III exercises; maximize core/glutes, pelvic stability work, eccentric hamstrings
- May advance to elliptical, bike, pool as tolerated

**Phase 5 → 6-12 Months Post-Op**

Exercises:

- Advance functional activity
- Return to sport and impact activity when cleared by Dr Makhni around 8 months