



**PATELLOFEMORAL OSTEOCHONDRAL ALLOGRAFT WITH TUBERCLE  
OSTEOTOMY (TTO)**

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

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

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

Frequency: 1 2 3 4 times / week      Duration: 1 2 3 4 5 6 Weeks

\_\_\_\_ Weeks 0-2:

- Full weight bearing allowed but brace must be locked in full extension
- Brace locked in full extension when not performing below exercises (sleeping, resting, etc.)
- PROM and CPM 4-6 hours/day 0-45 degrees
- Passive leg hang to 45 degrees, quad sets, patellar mobs, ankle pumps, straight leg raises

\_\_\_\_ Weeks 2-6:

- Continue WBAT with brace locked in full extension
- PROM 0-90 degrees; may use CPM as needed
  - Heel slides with active knee flexion ok – no active knee extension
- Patella mobs, quad/hamstring/gluteal sets; side lying hip and core exercises

\_\_\_\_ Weeks 6-12:

- Begin ambulation with brace unlocked and can d/c when able
- Begin closed chain exercises (wall sits, mini squats [no weight], stationary bike)
- Unilateral stance activities and balance training

\_\_\_\_ Months 3-6:

- Maximize core/gluteal/pelvic stability work
- Slowly incorporate open chain quad exercises (begin short arc then progress)
- Eccentric hamstring exercises
- Advance to elliptical, bike, pool activity as tolerated

\_\_\_\_ Months 6+:

- Return to sport specific activities
- Run progression/jogging can begin at this point

Signature \_\_\_\_\_

Date: \_\_\_\_\_