

## **Rehab Protocol for Open Gluteus Medius Repair**

Provide patient with home exercise program

### Weeks 1-4

- Bike for 20 minutes/day (can be 2x/day)
- Scar massage
- Gait training PWB with assistive device
- Hip PROM
  - Hip flexion to 90 degrees, abduction as tolerated
  - No active abduction and IR
  - No passive ER or adduction (6 weeks)
- Quadruped rocking for hip flexion
- Hip isometrics
  - Extension, adduction, ER at 2 weeks
  - Hamstring isotonic
  - Pelvic tilts
  - NMES to quads with SAQ

### Weeks 4-6

- Continue with previous therapy
- Gait training PWB with assistive device
  - 20 pounds through 6 weeks
- Progress with passive hip flexion greater than 90 degrees
- Supine bridges
- Isotonic adduction
- Progress core strengthening (avoid hip flexor tendonitis)
- Progress with hip strengthening
  - Start isometric sub max pain free hip flexion(3-4 wks)
- Quadriceps strengthening
- Aqua therapy in low end of water

### Weeks 6-8

- Continue with previous therapy
- Gait training: increase WBing to 100% by 8 weeks with crutches
- Progress with ROM
  - Passive hip ER/IR
- Supine log rolling □ Stool rotation ▯ Standing on BAPS
- Hip Joint mobs with mobilization belt (if needed)
- Lateral and inferior with rotation
  - Prone posterior-anterior glides with rotation
- Progress core strengthening (avoid hip flexor tendonitis)

### Weeks 8-10

- Continue previous therapy

- Wean off crutches (2 →1 →0)
- Progressive hip RO
- Progress strengthening LE
- Hip isometrics for abduction and progress to isotonic
- Leg press (bilateral LE)
- Isokinetics: knee flexion/extension
- Progress core strengthening
- Begin proprioception/balance
- Balance board and single leg stance
- Bilateral cable column rotations
- Elliptical

#### Weeks 10-12

- Continue with previous therex
- Progressive hip ROM
- Progressive LE and core strengthening
- Hip PREs and hip machine
- Unilateral Leg press
- Unilateral cable column rotations
- Hip Hiking
- Step downs
- Hip flexor, glute/piriformis, and It-band Stretching – manual and self
- Progress balance and proprioception
  - Bilateral → Unilateral → foam → dynadisc
  - Treadmill side stepping from level surface holding on progressing to inclines
  - Side stepping with theraband
- Hip hiking on stairmaster (week 12)

#### >12 weeks

- Progressive hip ROM and stretching
- Progressive LE and core strengthening
- Endurance activities around the hip
- Dynamic balance activities
- Treadmill running program
- Sport specific agility drills and plyometrics

#### Other:

- Modalities
  - Electric Stimulation Ultrasound Heat before/after Ice before/after