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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 therapy
- Progressive hip ROM
- Progressive LE and core strengthening
- Hip PREEs 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