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Trochanteric Bursectomy Post-Operative Physical Therapy / Rehabilitation Protocol

General Guidelines:

- Normalize gait pattern with crutches
- Weight-bearing: 50% WB x 2 weeks, then advance to full (unless otherwise specified by Dr. Ellman)

Rehabilitation Goals:

- Seen post-op Day 1
- Seen 2-3x/week for 6 weeks

Precautions following Hip Surgery:

- Weight-bearing will be determined by procedure
- Hip flexor tendonitis
- Trochanteric bursitis
- Synovitis
- Manage scarring around portal sites
- Increase range of motion focusing on flexion
- No active abduction, IR, or passive ER, adduction (at least 6 weeks)

Guidelines: Weeks 0-4

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

Weeks 4-6

- Aggressive Scar massage to prevent adhesions/recurrence
- Continue with previous exercises
- 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 6-10

- Aggressive Scar massage to prevent adhesions/recurrence
- Continue with previous exercises
- 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)
- Continue previous exercises
- 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 exercises
- Progressive hip ROM
- Progressive LE and core strengthening o Hip PREs and hip machine o Unilateral Leg press o 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)

Weeks 12 +

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

3-6 months Re-Evaluate (Criteria for discharge if athlete)

- Hip Outcome Score
- Pain free or at least a manageable level of discomfort
- MMT within 10 percent of uninvolved LE
- Biodex test of Quadriceps and Hamstrings peak torque within 15 percent of uninvolved
- Single leg cross-over triple hop for distance:
 - Score of less than 85% are considered abnormal for male and female
- Step down test