

## Robert Kollmorgen DO

### Rehabilitation for Arthroscopic or Open

### Gluteus Medius Repair with or without Labral Debridement

Please give this packet to your physical therapist.

Schedule in advance; 3 to 5 days after surgery.

#### **General Guidelines:**

- No active abduction
- No passive adduction
- Normalize gait pattern with brace and crutches
- Weight-bearing: 20 lbs for 6 weeks.
- Use a cane or one crutch for walking outside of the home for weeks 6-12
- Use a stationary bike daily if possible or at least three times per week for 20 minutes, pushing with the nonoperative leg

#### **Frequency of Physical Therapy:**

- Seen 1x/week for 6 weeks to start the week after surgery
- Seen 2x/week for 6 weeks

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– Seen 2-3x/week for 6 weeks

### **Precautions following Gluteus Medius Repair:**

– Weight-bearing will be determined by procedure (protecting the repair)

– Hip flexors tendonitis

– Trochanteric bursitis

– Synovitis

– Manage scarring around portal sites

– Increase range of motion focusing on flexion

• No active abduction, no passive adduction, and gentle IR/ER (6weeks)

### **Guidelines:**

#### • **Weeks 0-4**

– Bike for 20 minutes/day (can be 2x/day) as tolerated

– Scar massage

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– Hip PROM

- Hip flexion as tolerated, abduction as tolerated

- Log roll

- No active abduction and IR

- No passive ER (4 weeks) or adduction (6 weeks)

- Stool stretch for hip flexors and adductors

– 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 with pelvic tilt

– Modalities

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- **Weeks 4-6**

- Continue with previous therex
- Gait training PWB with assistive device and no trendelenberg gait

- 20 pounds through 6 weeks

- 3 -

- Stool rotations IR/ER (20 degrees)
- Supine bridges
- Isotonic adduction
- Progress core strengthening (avoid hip flexor tendonitis)
- Progress with hip strengthening

- Start isometric sub max pain free hip flexion(4 weeks)

- Quadriceps strengthening

- Scar massage
- Aqua therapy in low end of water

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- **Weeks 6-8**

- Continue with previous therex

- Gait training: increase Weight bearing to 100% by 8 weeks with crutches

- Progress with ROM

- Passive hip ER/IR

- Stool rotation ER/IR as tolerated ◇ Standing on BAPS ◇

prone hip ER/IR

- 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 therex

- Wean off crutches (2◇ 1◇ 0) without trendelenberg gait / normal gait

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- Progressive hip ROM
  
- Progress strengthening LE
  
- Hip isometrics for abduction and progress to isotonics
  
- 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

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- 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 when gluteus medius is with good strength
- Side stepping with theraband
- Hip hiking on stairmaster (week 12)
- **Weeks 12 +**
- Progressive hip ROM and stretching

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- Progressive LE and core strengthening
  
- Endurance activities around the hip
  
- Dynamic balance activities
  
- Treadmill running program
  
- Sport specific agility drills and plyometrics
  
- **3-6 months Re-Evaluate (Criteria for discharge)**
  
- Pain free or at least a manageable level of discomfort
  
- MMT within 10 percent of uninvolved LE
  
- Normalized gait, no trendelenberg stance or gait



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### **Rehabilitation for Endoscopic Trochanteric Bursectomy with or without Labral Debridement**

Please give this packet to your physical therapist.

Schedule in advance; 3 to 5 days after surgery.

#### **General Guidelines:4**

- No active abduction
- No passive adduction
- Normalize gait pattern with brace and crutches
- Weight-bearing: 20 lbs for 2 weeks or until the gait has normalized
- use a stationary bike at minimal resistance daily if possible or at least 3x per week for 20 minutes. Push with the other leg to minimize muscle use

#### **Frequency of Physical Therapy:**

- Seen 1x/week for 6 weeks to the week after surgery
- Seen 2x/week for 6 weeks
- Seen 2-3x/week for 6 weeks

#### **Precautions:**

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- Weight-bearing will be determined by return of abductor strength – should not be unlimited full weight bearing until hip abductor strength is 90% of the non-operative side
- Hip flexors tendonitis
- Trochanteric bursitis
- Synovitis
- Manage scarring around portal sites
- Increase range of motion focusing on flexion

### **Guidelines:**

- **Weeks 0-4**
  - Bike for 20 minutes/day (can be 2x/day) as tolerated
  - Scar massage
  - Hip PROM
- Hip flexion as tolerated, abduction as tolerated
- Log roll

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- Stool stretch for hip flexors and adductors

- 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 with pelvic tilt

- Modalities

- **Weeks 4-6**

- Continue with previous therex

- Stool rotations IR/ER (20 degrees)

- Supine bridges

- Isotonic adduction

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– Progress core strengthening (avoid hip flexor tendonitis)

– Progress with hip strengthening

• Start isometric sub max pain free hip flexion(4 weeks)

• Quadriceps strengthening

– Scar massage

– Aqua therapy in low end of water

• **Weeks 6-8**

– Continue with previous therex

– Progress with ROM

• Passive hip ER/IR

• Stool rotation ER/IR as tolerated ◇ Standing on BAPS ◇

prone hip ER/IR

• Hip Joint mobs with mobilization belt (if needed)

• Lateral and inferior with rotation

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- Prone posterior-anterior glides with rotation
- Progress core strengthening (avoid hip flexor tendonitis)
- **Weeks 8-10**
- Continue previous therex
- Progressive hip ROM
- 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

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- **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 when gluteus medius is with good strength

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– 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 running program

– Sport specific agility drills and plyometrics

• **3-6 months Re-Evaluate (Criteria for discharge)**

– Pain free or at least a manageable level of discomfort

– MMT within 10 percent of uninvolved LE