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## **TOTAL HIP ARTHROPLASTY POSTERIOR APPROACH POST-SURGICAL REHABILITATION PROTOCOL**

### **DISCHARGE CRITERIA**

- To Rehabilitation Hospital
- Independent / minimum assist with bed mobility
- Ambulation with assistive device for 30 feet
- To Home
- Independent bed mobility and transfers
- Able to safely negotiate home obstacles such as stairs and carpet
- Independent ambulation with assistive device for 300 feet
- Coordinate with Social Work Services to obtain home equipment:
  - o Wheeled walker, Three-in-one, Reacher

### **PRECAUTIONS X 6 WEEKS**

- Wear TED Hose
- Sleep on back
- Pillow under ankle, NOT under knee, keep foot of bed flat
- Wedge pillow (abduction bolster) between legs while sleeping
- No Flexion > 90 degrees
- No Adduction past midline
- No Internal Rotation

### **POST-OP WEEKS 1 – 6**

- Walker or crutches
- Weight bearing as tolerated (WBAT)
- Progress to cane and D/C when gait is normal
- Ankle pumping
- Heel slides, AROM, AAROM with above restrictions
- Quad sets, Co-contractions quads/hams
- Straight leg raise (SLR)
- Short arc quads with up to 10#
- Sitting knee extension (chair or mat) 90-0 degrees
- Weight shifts in parallel bars
- Mini squats 0-45 degrees in parallel bars
- Forward, retro and lateral step downs (small step)
- Double leg heel raises
- Progressive abductor strengthening
- In standing
- Sidelying
- Add light weight when able to perform 25 repetitions
- In standing with Theraband, bilaterally

### **GOALS**

- Protection

- Hip ROM 0-90 degrees

### **Weeks 6 - 9**

- Cane as needed, D/C when gait is normal
- Continue to caution against hip flexion > 90 degrees
- Continue to sleep on back
- D/C pillow between legs while sleeping
- Continue appropriate previous exercises
- Lateral and retro walking in parallel bars
- Wall squats
- Hip machine x 4 bilaterally
- Single leg (stork) standing
- Single leg heel raises
- Stationary bicycle
- Treadmill – Walking progression program
- Pool therapy

### **GOAL**

- Normal gait

### **WEEKS 9 - 12**

- Continue appropriate previous exercises
- Hip flexion > 90 degrees
- Leg press (< 90 degrees hip flexion)
- Hamstring curl weight machine
- Knee extension weight machine
- Proprioception exercises as tolerated (age dependent)
- Practice sit-to-stand without using hands
- Stair training
- Elliptical trainer
- Stretches – Hamstring, quads, hip flexors, ITB

### **GOALS**

- Symmetrical hip ROM
- Walk x 20 minutes
- Stand from sitting without use of hands

### **Months 3 - 6**

- Discontinue supervised PT
- Resume all recreational activities as tolerated
- Encourage non-impact activities

#### **ADAPTED FROM:**

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