

Dr. Stephen R. Shively DO

Department of Orthopedic Surgery – Sports Medicine
Hancock Regional Hospital
www.SteveShivelyDO.com
(317) 477-6683



Physical Therapy Prescription – MPFL Reconstruction

Name: _____ Date of Surgery: _____

Procedure: R / L MPFL reconstruction with hamstring allograft Frequency: 2-3 times per week for 6 weeks

PHASE I (Weeks 0 – 6): Period of protection, decrease edema, activate quadriceps

- **Weightbearing:** Full weight-bearing as tolerated
- **Hinged Knee Brace:** Locked in full extension for ambulation and sleeping
- **Range of Motion:** initiate ROM 0-30°, gradually advance with PROM and AAROM, 90° by Week 6
- **Therapeutic Exercises:** Gentle patellar mobs, quad/hamstring sets, heel slides, prone hangs, straight-leg raises with brace in full extension until quad strength prevents extension lag
- **Modalities:** Per therapist, including electrical stimulation, ultrasound, heat (before), ice (after)

PHASE II (Weeks 6 - 12)

- **Weightbearing:** Full WB with normalized gait pattern
- **Hinged Knee Brace:** Wean between 6-8 weeks; discontinue completely once good quad control
- **Range of Motion:** Progress to full AROM, with goal of 90° by week 6, then advance as tolerated
- **Therapeutic Exercises: **No weight-bearing exercises with knee flexion angles >90°****
 - Advance closed chain strengthening exercises and proprioception activities; begin wall sits and lunges; begin stationary bicycle(Weeks 6-12)
- **Modalities:** Per therapist, including electrical stimulation, ultrasound, heat (before), ice (after)

PHASE III (Weeks 12 - 16)

- **Weightbearing:** Full
- **Hinged Knee Brace:** discontinue; **consider using of patella stabilizing knee sleeve**
- **Range of Motion:** Full, painless
- **Therapeutic Exercises:** Advance closed chain strengthening; advance plyometrics; advance proprioception training; begin elliptical and/or treadmill jogging
- **Modalities:** Per therapist, including electrical stimulation, ultrasound, heat (before), ice (after)

PHASE IV (Weeks 16 – 24)

- Advance Phase III exercises; focus on core/glutes; progress flexibility and strengthening; maximize single leg dynamic and static balance and strength; initiate light plyometrics; improve treadmill walking

PHASE V (>6 months): Gradual return to athletic activity

- Advance Phase IV exercises; focus on single leg dynamic and static balance
- Return to sport-specific activity and impact when cleared around 6 months postop

Signature _____

Date _____