

Physical Therapy – ACL and Posterolateral Corner Reconstruction

Procedure: ACL and PLC Reconstruction

Frequency: 2-3 times per week for 6 weeks

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

- **Weightbearing:** Toe touch/Heel touch weight bearing (weeks 0-6)
- **Hinged Knee Brace:**
 - Locked in full extension for ambulation and sleeping (weeks 0-2)
 - Unlocked to 90 degrees for ambulation and removed while sleeping (weeks 2-6)
- **Range of Motion:**
 - Light range of motion 0-45 degrees(weeks 0-2)
 - Progress range of motion 0-90 degrees(weeks 0-6)
- **Therapeutic Exercises:** Quad sets, patellar mobilization, Gastroc/Soleus stretching, Straight-leg raises in brace, Side-lying hip/core ****Avoidance of hamstring activation for 6 weeks post op****
- **Modalities:** Per therapist, including electrical stimulation, ultrasound, heat (before), ice (after)

Phase II (Weeks 6-12)

- **Weightbearing:** May advance 25% weight bearing every 3-4 days until full weight bearing at 8 weeks
 - Full weight bearing at 8 weeks plus.
- **Hinged Knee Brace:** Discontinue once full extension achieved with no evidence of extension lag
- **Range of Motion:** Maintain full knee extension, work on progressive knee flexion to full.
- **Therapeutic Exercises:** Continue Phase I exercises.
 - Begin calf raises, closed chain quad/hamstring, balance exercises, hamstring isometrics and progress to hamstring curls, stationary bike, step-ups, front and side planks, advance hip/core.
- **Modalities:** Per therapist, including electrical stimulation, ultrasound, heat (before), ice (after)

Phase III (Weeks 12 – 16)

- **Range of Motion:** Full, painless
- **Therapeutic Exercises:** Advance closed chain strengthening exercises and proprioception activities
 - Begin use of the Stairmaster/Elliptical at **12 weeks**
- **Modalities:** Per therapist, including electrical stimulation, ultrasound, heat (before), ice (after)

Phase IV (Weeks 16 – 24): Gradual return to athletic activity

- **16 weeks:** begin jumping
- **20 weeks:** advance to sprinting, backward running, cutting/pivoting/changing direction
- **24 weeks:** consider **functional sports assessment**

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

- Gradual return to sports participation after completion of functional sports assessment
- Encourage maintenance program based off functional sports assessment

Signature: _____

Date: _____