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MIDWEST
 ORTHOPAEDICS
 at RUSH



Post-Operative Rehabilitation Guidelines for Posterior Cruciate Ligament Reconstruction

- 0-3 Weeks: Weight Bearing TTWB, Brace locked at 0 degrees
 ROM (Prone only): Passive flexion 0-70 degrees,
 Active Assisted extension 70 to 0 degrees
 Patella mobilization
 Towel extensions, prone hangs
 SLR supine with brace locked at 0 degrees
 Quadriceps isometrics @ 60 degrees
- 3-6 Weeks: Progressive Weight Bearing TTWB to PWB (75%) with crutches
 Brace locked @ 0 degrees
 ROM (Prone only): Active Assisted extension 90-0 degrees
 Passive flexion 0-90 degrees
 Short crank (90mm) ergometry
 Leg Press (60-0 degree arc)
 SLR's (all planes): Progressive Resistance
 Multiple-angle Quadriceps Isometrics: 60 to 20 degrees
- 6-12 Weeks: D/C crutches when gait is non-antalgic (6-8weeks)
 Brace changed to OTS
 Initiate Forward Step Up program (6-8weeks)
 Leg Press, Mini-Squats (60-0 degree arc)
 Standard ergometry (if knee ROM > 115 degrees)
 AAROM exercises
 Stairmaster (6-8 weeks)
 Proprioception Training (Prop Board, BAPS)
 Aquacisor (gait training)
 Retrograde treadmill ambulation
 Initiate Step Down Program (8-10 weeks)
- 12-20 weeks: Leg Press: Squats (80 to 0 degree arc)

AAROM exercises
 Proprioception Training (Prop Board, BAPS)
 Lunges
 Advanced Proprioception training (perturbations)
 Agility exercises (sport cord)
 Versaclimber
 Retrograde treadmill running
 Quadriceps stretching

- 20-26 weeks:
- Start forward running (if descend 8" step satisfactorily)
 - Continue lower extremity strengthening, flexibility, proprioceptive & agility programs
 - Initiate plyometric program (if sufficient strength base)
 - Functional Hop Test (>85% contralateral)
- > 26 weeks:
- Continue lower extremity strengthening, flexibility, proprioceptive & agility programs
 - Advance plyometric program
 - Advance agility and sport specific program