

Benedict Nwachukwu, MD MBA
HSS Sports Medicine Institute
610 West 58th Street, New York, NY 10019
Office: 646.885.8250
Fax: 646.885.8252
www.manhattansportsdoc.com



Post-Operative Rehabilitation Guidelines for Quadriceps or Patellar Tendon Repair

0-6 Weeks: WBAT, Brace locked in extension all times except with therapy.
ROM: 0-30° Weeks 0-2

0-60° Weeks 2-4
0-90° Weeks 4-6

Patella mobilization
SLR supine with brace locked at 0 degrees, Quad Sets
Ankle Pumps

6-12 Weeks: Unlock brace for ambulating. Wean from brace as tolerated.
May D/C crutches when gait normalized.
Normalize ROM. No limits.
Begin short crank ergometry and progress to
Standard (170mm) ergometry (if knee ROM > 115 degrees)
Advance quad strengthening
Mini Squats / Weight Shift

3-6 Months: Normal gait, WBAT with no assist
Full, Normal ROM
Leg Press, Squats
Initiate running/jogging
Isotonic Knee Extensions (90-40 degrees, closed chain preferred)
Agility exercises (sport cord)
Versaclimber/Nordic Track
Normalize quad strength