

Quadriceps Tendon Repair Protocol

| | Weight-bearing | Brace | Range of Motions | Exercises |
|--|-------------------------------------|--|---|--|
| Phase 1 0-2 weeks | As tolerated in brace with crutches | Locked in full extension at all times including sleeping Off for hygiene and exercises | 0- 45° when non-weight-bearing VS conservative management if checked below | Calf pumps, quadriceps tightening sets and SLR in brace, heel slides and patellar mobilization out of brace, modalities |
| Phase 2 2-8 weeks | As tolerated in brace | 2-4 weeks: Locked in full extension at all times 4-6 weeks: Off at night; locked in full extension during day 6-7 weeks: unlocked 0-45° 7-8 weeks: unlocked 0-60° | 2-3 weeks: 0-60° 3-4 weeks: 0-90° | Progress non-weight-bearing flexibility Begin side-lying core, hip and gluteal strengthening No weight-bearing with flexion greater than 90° |
| Phase 3 8-12 weeks | Full | None | Full | Progress closed chain quadriceps strengthening, progress balance, core/pelvic and stability work, lunges and leg press to 90° Begin stationary bike under PT supervision |
| Phase 4 3-5 months | Full | None | Full | Glutes/ pelvic stability/core + closed-chain quad program Swimming permitted at 12 weeks Advance to sport specific drills and impact activity after 5months when cleared by M.D. |
| <input type="checkbox"/> Conservative ROM: 0 degrees x2 weeks, 0-30 after 2 weeks, 0-60 after 4 weeks, 0-90 after 6 weeks | | | | |