

Meniscal Repair

Physical Therapy Protocol

The physical therapy rehabilitation program following arthroscopic meniscal repair will vary in length depending on factors such as:

- Acute versus chronic condition
- Location of the meniscus tear
- Articular cartilage and ligamentous involvement
- Strength and range of motion status
- Performance and activity demands

The rehabilitation program is presented in three phases. The first phase focuses on decreasing pain and swelling, and exercises to achieve full range of motion (ROM). The second phase concentrates on regaining strength while the final phase prepares the patient for full return to activities.

PHASE I

- NWB x 2 weeks with crutches
- Progress to full WB with knee locked in extension until 6 weeks post op
- Modalities as needed to decrease pain and swelling
- ROM 0-90 degrees only x 6 weeks
- Heel slides to increase flexion ROM, as needed
- Isometric hip adduction
- Quadriceps sets
- Static weight lifts
- Hamstring curls
- Toe raises
- Hip adduction and abduction, as tolerated
- Stationary bicycle: low resistance, as tolerated

PHASE II

- Continue ROM and strengthening exercises, as needed
- Add step-downs/ups, lunges, and/or partial squats as tolerated
- Add eccentric quadriceps and hamstring exercises
- Begin jogging on a mini-trampoline, progressing to treadmill running
- Increase resistance on stationary bicycle

PHASE III

- Continue strengthening exercises
- Progress to outdoor running (e.g., track) and agility drills
- Add plyometric exercises as needed
- Begin practicing skills specific to the activity (i.e., work, recreational activity, sport, etc.)