Vanderbilt Sports Medicine

Patellofemoral Pain Rehabilitation Guidelines

General Rehab Guidelines: Control Pain and Edema

Normal ROM, proprioception, strength

Return to normal ADLs/sports

Phase I:

Goals: Full ROM

Control Pain Decrease Edema Instruct in HEP

Suggested Exercises:

Quad sets

Straight leg raises

Heel slides

Hip exercises for flexion, extension, abduction, and adduction

Stretches: quadriceps, hamstrings, glutes, abductors, adductors

IT Band, piriformis

Modalities as needed

Phase II

Goals: Increase Strength

Increase Proprioception Increase Flexibility Decrease Pain Maintain ROM

Suggested Exercises:

Closed Chain Strengthening: leg press, TKEs, set-ups, wall sits, hamstring curls

Abductor and Adductor machines

Proprioceptive exercises Lower extremity stretches

Continue with cardiovascular

Continue with modalities as needed

Phase III

Goals: Return to normal ADLs and/or sports without pain or limitation

Maintain flexibility Independence in HEP

Suggested Exercises:

Continue to increase strength and flexibility

Sports specific exercises where indicated

Cardio progression where indicated

Independence demonstrated in HEP

