

School of Physical Therapy

Implications of Optimal Exercise, Intensity, & Duration in the Management of Medial Patellofemoral Ligament Reconstruction: A Case Report Nicholas Cacicedo, SPT

INTRODUCTION

- The Medial Patellofemoral Ligament is the most frequently torn ligament in cases of patellar instability
- Patellar dislocation account for approximately 2-3% of knee injuries affecting young collegiate athletes
- MPFL reconstruction has become increasingly utilized for patellar instability for athletes returning to sport.



PURPOSE

To determine the optimal exercise, duration, & intensity of interventions during physical therapy management in a post-op MPFL reconstruction rehabilitation for collegiate athletes returning to sport.

- knee Medial football drills.

- Patient's goal was to return to sport.

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CASE DESCRIPTION

✤ 18 y/o Caucasian male collegiate football player presented to physical therapy **3 days post** right Patellofemoral Ligament reconstruction following a traumatic injury during

Patient presented with B axillary crutches and a knee immobilizer with **WBAT** per protocol.

Symptoms reported were difficulty walking, loss of range of motion, stiffness, swelling, weakness, and feelings of instability.

OUTCOMES

The following are charts depicting the patient's progress throughout treatment from initial evaluation through Visit 34.



