JUPITER 4.0 - Risk Factors for Failure of Isolated Medial Patellofemoral Ligament Reconstruction

Status: RECRUITING

Eligibility Criteria

Sex: ALL
Age: 10 years to 35 years old
Healthy Volunteers: This study is NOT accepting healthy volunteers
Inclusion Criteria:

- 10-35 years old
- Recurrent patellar instability with at least one episode defined as either (1) a dislocated patella requiring reduction in the emergency department or (2) a convincing history for dislocation, associated with full giving way, and the following physical findings: (a) hemarthrosis or effusion, (b) tenderness along the medial retinaculum, and (c) apprehension when laterally directed force was applied to the patella or (3) MRI-documented dislocation with associated bone bruises

Exclusion Criteria:

- Previous ipsilateral knee surgery
- Obligatory/fixed/habitual patella dislocation or subluxation
- Unloadable inferior or lateral chondral damage on the patella that would require a tibial tubercle transfer for unloading purposes
- Pathologic tibiofemoral instability

Conditions & Interventions

Interventions:
PROCEDURE: Medial Patellofemoral Ligament (MPFL) Reconstruction
Conditions:
Patellar Dislocation, Recurrent, Patellar Dislocation, Patellar Instability, Patellofemoral Dislocation, Patellofemoral Joint Dislocation, Patellofemoral Disorder
Keywords:
Patella, Patella Dislocation, Patellar Instability, Recurrent Patellar Instability, MPFL, Medial Patellofemoral Ligament, Medial Patellofemoral Ligament Reconstruction, Patellofemoral Instability

More Information

Description:
The goal of this observational study is to learn about the outcomes of medial patellofemoral ligament (MPFL) reconstruction for the treatment of recurrent patellar instability. The main questions it aims to answer are: * What are the risk factors for recurrent patellar instability after MPFL reconstruction? * What functional outcomes do patients report after MPFL reconstruction? Participants undergoing MPFL reconstruction will answer survey questions about their knee and activity level 1 year and 2 years after surgery.

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