

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

NCT06883396

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**Status** RECRUITING  
**Sponsor** Hospital for Special Surgery, New York  
**Enrollment** 850 participants

## Key Eligibility Criteria

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### Inclusion (2)

- 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 (4)

- 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

## Locations (16 total)

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Stanford University, Redwood City, California, United States  
University of Florida, Gainesville, Florida, United States  
Midwest Orthopaedics at Rush, Chicago, Illinois, United States  
... and 13 more locations