

Vitamin D to Improve Quadricep Muscle Strength

NCT05174611

Status	RECRUITING
Phase	Phase 2
Sponsor	Chinese University of Hong Kong
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (6)

- Aged 18-40 with unilateral ACL injury
 - Sporting injury with a Tegner score of 7
 - Pre-op serum vitamin D level ≤ 20 ng/ml
 - months post-ACLR with serum Vitamin D level remained ≤ 20 ng/ml
 - LSI for quadriceps strength $< 70\%$ of contralateral leg at 4-month isokinetic assessment
- ... and 1 more (see full listing online)

Exclusion (6)

- Concomitant bone fracture, major meniscus injury or full-thickness chondral injuries requiring altered rehabilitation program post-operatively
 - Pre-operative radiographic signs of arthritis
 - Metal implants that would cause interference on MRI
 - Non-HS graft for ACLR
 - Patient non-compliant to the rehabilitation program
- ... and 1 more (see full listing online)

Locations (1 total)

The Chinese University of Hong Kong, Hong Kong, Hong Kong