

# Validating the Speckle Tracking Methods on Soft Tissue Strain, Displacement, and Roles in Physical Therapy

NCT07485530

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Status	RECRUITING
Phase	Not Applicable
Sponsor	National Taiwan University Hospital
Enrollment	80 participants

## Key Eligibility Criteria

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### Inclusion (11)

- Study 1
- male pitchers aged between 18 and 35 years
- more than five years of pitching experience
- at least 200 counts of pitching training per week

• Study 2

... and 6 more (see full listing online)

### Exclusion (16)

- Study 1
- diagnosed with partial or full thickness tears of the UCL by arthrographic/ nonarthrographic MR techniques in past medical records
- having a positive result in the "moving valgus stress test" screening<sup>24</sup>
- unable to participate in regular baseball pitching training or absent from the competition during the March 2023 to March 2025 season
- found to show suspicious signs, such as hypoechoic foci and calcification, which suggest UCL injury under ultrasound screening<sup>4</sup>

... and 11 more (see full listing online)

## Locations (1 total)

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School and Graduate Institute of Physical Therapy, College of Medicine, National Taiwan University, Taipei, Taiwan