

# Structure and Function of the Upper Trapezius and Its Role in Chronic Shoulder Pain: an Investigation of Kinematics, Morphology, Muscle Quality and Activation Distribution

NCT06472349

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**Status** RECRUITING  
**Sponsor** National Yang Ming Chiao Tung University  
**Enrollment** 100 participants

## Key Eligibility Criteria

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### Inclusion (9)

- Chronic shoulder pain group
- years old 18-50 years old
- unilateral and non-traumatic shoulder pain
- pain duration longer than 3 months
- pain intensity more than VAS=2 during movement
- ... and 4 more (see full listing online)

### Exclusion (8)

- Chronic shoulder pain group
- history of significant shoulder trauma, such as fracture or ultrasonography clinically suspected full thickness cuff tear
- recent shoulder dislocation in the last 2 years
- diagnosis of adhesive capsulitis characterized by a gradual and painful loss of both active and passive ROM in all shoulder planes, primarily external rotation
- shoulder pain originating from the cervical spine by using Spurling's neck compression test
- ... and 3 more (see full listing online)

## Locations (1 total)

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National Yang Ming Chiao Tung University, Taipei, Taiwan