

# Ultrasonographic Assessment of Muscle Morphology, Function, and Clinical Findings in Spastic Cerebral Palsy

NCT07118228

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Status	RECRUITING
Sponsor	Kocaeli University
Enrollment	36 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Diagnosis of spastic cerebral palsy (SCP) according to the criteria defined by Rosenbaum et al. (2007)
- Age between 4 and 18 years
- Gross Motor Function Classification System (GMFCS) Level I, II, or III
- Manual Ability Classification System (MACS) Level I, II, III, or IV

### Exclusion (8)

- Non-spastic types of cerebral palsy (e.g., dyskinetic, ataxic)
- Diagnosis of neuromuscular disorders other than cerebral palsy (e.g., hereditary neuropathy, myopathy)
- Presence of muscle contractures or fixed deformities in the limbs selected for ultrasound and clinical assessment
- Cognitive or behavioral impairments that prevent cooperation during ultrasound or clinical evaluation
- Botulinum toxin-A (BoNT-A) injection applied to the target muscles within the last 6 months
- ... and 3 more (see full listing online)

## Locations (1 total)

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Kocaeli University Faculty of Medicine, Kocaeli, Turkey (Türkiye)