

Effect of rESWT Session Frequency on Spasticity and Function Assessed by Sonoelastography in Children With Cerebral Palsy

NCT07476690

Status	RECRUITING
Phase	Not Applicable
Sponsor	Sisli Hamidiye Etfal Training and Research Hospital
Enrollment	45 participants

Key Eligibility Criteria

Inclusion (4)

- Children aged 6-14 years diagnosed with cerebral palsy according to the Rosenbaum diagnostic criteria.
- Gross Motor Function Classification System (GMFCS) level I, II, or III.
- Modified Ashworth Scale (MAS) score >1 and d3 in unilateral or bilateral ankle plantar flexor muscle groups.
- Presence of a spastic gait pattern characterized by a dynamic component of ankle equinus.

Exclusion (9)

- Age younger than 6 years or older than 14 years.
- Botulinum toxin type A injection or extracorporeal shock wave therapy (ESWT) within 6 months prior to enrollment.
- Fixed contracture with passive joint range of motion (ROM) $<5^\circ$ in the affected extremity, or significant bone or joint deformity.
- History of orthopedic surgery (tendon release or transfer, tenotomy, muscle release surgery, arthrodesis) involving the affected extremity.
- Cognitive or behavioral disorders that would prevent participation in the intervention or assessments.
- ... and 4 more (see full listing online)

Locations (1 total)

Sisli Hamidiye Etfal Training and Research Hospital, Istanbul, Istanbul, Turkey (Türkiye)