

# Bimanual Training Versus Unilateral Task Specific Training in Children With Spastic Hemiplegic Cerebral Palsy

NCT07437274

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Montiha Azeem
Enrollment	46 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Both male and female Children diagnosed with spastic hemiplegic cerebral palsy (confirmed by a pediatric neurologist or rehabilitation specialist).
- Age range: 5 to 12 years (suitable for both bimanual and unilateral task-specific training).
- Gross Motor Function Classification System (GMFCS) levels I to III (ambulatory with or without limitations).
- Modified Ashworth Scale score between 1 and 3 in the upper limb muscles (indicating mild to moderate spasticity).
- Minimum cognitive ability to follow simple instructions, verified using screening tools (e.g., MMSE adapted for children).
- ... and 1 more (see full listing online)

### Exclusion (5)

- Children with mixed types of cerebral palsy (e.g., spastic quadriplegia, dyskinetic, or ataxic types).
- Recent orthopedic surgery or botulinum toxin injections in the affected upper limb within the past 6 months.
- Severe visual, auditory, or sensory deficits that could interfere with therapy participation or assessment accuracy.
- Uncontrolled epilepsy or other neurological conditions that could compromise safety during therapy.
- Fixed joint contractures or severe deformities in the upper limbs that limit passive range of motion Children with behavioral or psychological disorders (e.g., severe ADHD, autism spectrum disorder) that impair attention or participation

## Locations (1 total)

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University of Lahore Teaching Hospital, Lahore, Lahore, Punjab Province, Pakistan