

ENROLLMENT

Children with CP (4-10 years) (N= 140) with moderate upper extremity impairments and fine motor control abnormalities along with mild-moderate cognitive impairment.
GMFCS Level 2-4
MACS Level 2-3
Modified Ashworth's scale level 0-1+
Pediatric version of MMSE score level 17-23

Excluded (n=)
 Not meeting inclusion criteria (n=)
 Declined to participate (n=)
 Other reasons (n=)

Excluded (n=)
➤ Severe cognitive impairments
➤ Secondary orthopedic, auditory and severe visual impairments
➤ Unwilling patients or parents
➤ Recent surgical intervention

Randomized (n= 70 in each group) Single blind clinical trial with active control arm. A permuted block randomization scheme with random block size, stratified by age and level of impairment.

ALLOCATION

Allocated to experimental therapy intervention (n=70)
 Receive computer game-based therapy intervention (n=) for 16 weeks, 3 therapy sessions per week 45 minutes per session
 Do not receive allocated intervention (give reasons) (n=)

Allocated to control therapy intervention (n= 70)
 Receive allocated conventional therapy intervention using principles of CIMT, HABIT, and repetitive task practices (n=) for 16 weeks, 3 therapy sessions per week 45 minutes per session
 Do not receive allocated intervention (n=)

FOLLOW-UP

Lost to follow-up (give reasons) (n=)
Discontinued intervention (give reasons) (n=)

Lost to follow-up (give reasons) (n=)
Discontinued intervention (give reasons) (n=)

ANALYSIS

Analysed (n=)
 Excluded from analysis (give reasons) (n=)

Analysed (n=)
 Excluded from analysis (give reasons) (n=)