

# Investigating New Methods to Study Movement in Children and Young Adults With Movement Disorders.

NCT06498596

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**Status** RECRUITING  
**Sponsor** National Institutes of Health Clinical Center (CC)  
**Enrollment** 30 participants

## Key Eligibility Criteria

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### Inclusion (11)

- In order to be eligible to participate in this study, an individual must meet criteria 1-4 and 5a as given below. If they also meet 5b, 5c or 6, they will perform the tasks related to the respective joint(s) for which criteria are met, and/or walking.:
  - Provision of signed and dated separate informed consent and assent forms for screening purposes. Upon inclusion in the protocol, provision of signed and dated informed consent and assent forms to begin participation in the study will be necessary.
  - Stated willingness to comply with all study procedures and availability for the duration of the study, or alternatively, ability to do so based on parent report and physician observation during history and physical examination.
  - Age 5 to 25 years old.
  - Group A: Have a gait pathology arising from a diagnosis of cerebral palsy.
- ... and 6 more (see full listing online)

### Exclusion (4)

- An individual who meets any of the following criteria will be excluded from participation in this study:
- Any neurological, musculoskeletal or cardiorespiratory injury, health condition, or diagnosis other than cerebral palsy that would affect the ability to walk as directed with the robotic exoskeleton.
- A history of multiple seizures that have occurred in the past year that are not controlled by medication.
- Pregnancy.

## Locations (1 total)

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National Institutes of Health Clinical Center, Bethesda, Maryland, United States