

Motor Training for Infants With Cerebral Palsy

Status: RECRUITING

Eligibility Criteria

Sex: ALL

Age: 3 months to 8 months old

Healthy Volunteers: This study is NOT accepting healthy volunteers

Inclusion Criteria:

- Age at enrollment: between 3-8 months corrected age
- Caregivers fluent in English
- Preterm infants with objectively defined severe diffuse white matter abnormality on MRI at term OR
- High-risk infants (e.g., preterm, neonatal hypoxic-ischemic encephalopathy, perinatal stroke) with moderate-severe injury on structural MRI or cranial ultrasound (e.g., basal ganglia/thalamic signal intensity, cystic periventricular leukomalacia, encephalomalacia, large stroke, and/or severe intraventricular/periventricular hemorrhage) at around term-equivalent age or before Neonatal Intensive Care Unit discharge AND either:
 - "Absent" fidgety movements based on the Prechtl General Movement Assessment (GMA) between 3-4 months corrected age OR
 - A score of 56 or below on the Hammersmith Infant Neuromotor Examination (HINE) between 3-6 months corrected age (31)

Exclusion Criteria:

- Medical conditions that restrict active participation such as oxygen dependence
- Infants with significant visual deficits defined by the inability to track an object horizontally
- Living in a remote location prohibiting drives to the hospital every other week.

Conditions & Interventions

Interventions:

OTHER: Let's Move Motor Intervention

Conditions:

Cerebral Palsy

Keywords:

motor skills, occupational therapy, physical therapy

More Information

Description:

The intervention in this study, Let's Move, is a motor intervention for infants at risk for cerebral palsy. We will test the feasibility and acceptability of the intervention as well as preliminary effectiveness.

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Principal Investigator:

Principal Investigator ID:

Phase: NA

IRB Number:

System ID: NCT04886895

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