



# CAMP LEG POWER

SUMMER 2018

## A STUDY OF INTENSIVE PHYSICAL THERAPY TO IMPROVE MOVEMENT AND WALKING IN CHILDREN WITH CEREBRAL PALSY

### Background

- The purpose of this study is to determine who can best improve walking ability by participating in specialized physical therapy in a fun camp-like atmosphere.

### Who Qualifies?

- Children with a diagnosis of spastic diplegic cerebral palsy associated with premature birth and specific brain scan (MRI) findings
- Ages 6-18 years old
- Ability to walk independently with or without a walker, canes or crutches.
- You must be able to understand and follow simple directions.

### What's Involved?

- The study involves three comprehensive assessments of walking and motor ability.
- You will have computerized evaluations of walking movement in the gait laboratory which involves wearing shiny sticky markers on your legs and body while walking in front of cameras.
- You will attend a camp for 15 three hour sessions over 4 weeks for training of leg movement using strengthening machines, gait training, robotic video based exercises, movement based video gaming, sensory activities and movement games. Teens ages 13-18 can participate in therapy activities and also serve as junior counselors for younger campers.
- Participants will have two scans of their brain called magnetic resonance imaging (MRI) before and after the therapy camp.

### Incentives

Gait assessment, brain scan and therapy at no cost

### Time Commitment

- Participation in this study requires three 2 hour assessment sessions and 15 therapy camp sessions lasting 3 hours each. Participants will also have 2 brain studies requiring 2 additional hours each.

### Who do I call if I wish to participate?

Eileen Fowler or Loretta Staudt at (310) 825-4028 or Marcia Greenberg at (310) 825-5858

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