



Children with Hemiparesis Arm & Hand Movement Project (CHAMP)

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WHAT IS THE CHAMP STUDY?

The CHAMP Study is a multisite clinical trial funded by the National Institutes of Health that is comparing the efficacy of alternative therapies for young children with unilateral spastic cerebral palsy (or hemiparetic cerebral palsy). Children who meet study eligibility criteria at one of the three clinical sites (Roanoke, VA, Charlottesville, VA, and Columbus, OH) will be invited to enroll, and their parents will be provided all necessary paperwork along with informed consent documentation. Assignment to one of the alternative therapy conditions will be random. Participation in the study includes assessment of each child prior to treatment, close monitoring of the child's progress during treatment, and post-treatment evaluation at the end of therapy, as well as, 6 and 12 months later. Parents will have an active role in the project, both observing their child during therapy sessions and then engaging in home-based activities that allow the child to practice and extend new motor skills. There will be no charge for the therapy provided. The CHAMP study will be enrolling participants through Spring 2016.

IS MY CHILD ELIGIBLE?

Your child may be eligible to participate in the study if he or she:

- Has a neuromotor impairment that mostly affects one side of the body
- Is between 2 and 8 years old (up to the 9th birthday)
- Has cerebral palsy or an acquired brain injury prior to age of 2
- Is able to participate in four weeks of therapy

WHAT IS THE TREATMENT?

The stronger arm will be placed in a cast or splint so that it is immobilized. The treatment will require intensive therapy using the weaker arm and hand. For this study, the high intensity therapy will be in either 2.5 or 3 hour sessions for a total of 3 or 5 days a week (depending on group assignment) for 4 weeks in a row. Some children will be assigned to a group where they will not receive the therapy but they will be eligible to receive the therapy in 6 months or 1 year. Parents/guardians of children receiving treatment will be given information on how they can help their child at home, building on the new therapy techniques. Treatment will be provided at NO cost by highly qualified, licensed therapists

The Principal Investigators for this study are Dr. Sharon Ramey and Dr. Stephanie DeLuca (VTCRI), Dr. Jane Case-Smith (OSU), and Dr. Richard Stevenson (UVA)