To qualify for these studies, children must:

• Have a diagnosis of childhood onset hemiplegia
• Be at least 6 years old at the time of the study
• Be able to understand and follow directions
• Be able to intentionally move their affected shoulder and elbow at least a little
• MRI and EEG specific: Be safe for an MRI scan

We hope information gained will help clinicians create improved treatment and rehabilitation tools

For more information contact:

Heidi Roth, PT
heidi.roth1@northwestern.edu
Phone: (312) 503-6018
645 North Michigan Ave Suite 1100
Chicago, IL 60611

Note: Agreement to be contacted does not obligate you to participate in these studies.

Our research team is committed to facilitating an enjoyable research experience for every participant.

This research is funded by the Northwestern University Department of Physical Therapy and Human Movement Sciences
IRB #STU00003762
PI: Julius Dewald, PhD

Pediatric Hemiplegia Studies
A series of studies exploring how the brain moves the body
Help us learn how your brain moves your body!

Now Recruiting AWESOME Kids to participate with us!

Studies include:
• Robotics
• Muscle Activity Recording
• Brain Imaging
  MRI and EEG

Frequently Asked Questions from Parents

What are these studies about?
We are studying how individuals with childhood onset hemiplegia use their brains to control their bodies during movement.

Where do these studies take place?
Studies take place at Northwestern University at either 645 N Michigan Ave OR 710 N Fairbanks Ct in Chicago, IL

Are there any compensations or benefits from participation?
Families will be monetarily compensated for parking expenses and time. There may be no direct health benefits to your child but these studies help researchers understand more about function in children with hemiplegia.

Are there any risks to my child from participation?
Studies are designed to pose minimal to no risk for participants. All measures will be taken to ensure that your child is comfortable both physically and emotionally. You and your child are welcome to discuss your concerns with us before deciding to participate.