

Participate in Research

How Does the Brain Feel Pain? A Study for Children and Youth with Cerebral Palsy



**Principal Investigator:
Dr. Tom Chau**

Transforming the future of
childhood disability research

**We're recruiting
for a new study!**



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INFORMATION:

TO ASK QUESTIONS OR TO
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Are you 8-18 years old with no history of neurological disorders? Join a research study exploring how brain activity is linked to chronic pain in kids.

What is this study about:

This study is investigating how the brain responds to pain in children with cerebral palsy using a research physiotherapist-guided stretching, with the goal of improving future pain assessment and treatment.

Who can participate?

We are looking for children and youth who:

- Are 8-18 years old
- Have no history of chronic pain or neurological disorders
- Do not have any amputations of the lower limb at or above the knee
- Do not have uncorrected vision or hearing impairments
- Do not have any acute injuries that have caused pain within the past 6 weeks

What's involved?

Participants will attend one 90-minute session where a research physiotherapist will guide them through hamstring stretches that may cause some discomfort, while wearing an EEG cap that records brain activity.

Potential Benefits?

While there are no direct benefits, participating in this study will help researchers and clinicians better understand how the brain responds to pain in children with cerebral palsy. Leading to better tools for assessing and managing pain in kids who have difficulty communicating.

Potential Risks?

Participant may experience temporary discomfort during stretching. Wearing the EEG cap may feel uncomfortable after long periods of time.

Participants will receive a small token of appreciation to thank them for their time.

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