

Study participants needed!

Join our study on cognition (thinking skills) in sickle cell anemia

Study title:

Understanding cognitive impairment in children with sickle cell anemia: linking cerebrovascular impairment to brain activations

Principal Investigator:

Andrea Kassner, PhD

Interested? To ask questions contact:

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Are you between 6.0-16.0 years of age? Consider participating in our study:

What is the study about?

The purpose of this study is to help us learn how sickle cell anemia (SCA) affects how the brain works and thinking skills, by comparing children with SCA to children without SCA over time.

Who can participate?

We are looking for English-speaking participants between 6.0 to 16.0 years old who are in good general health and **do not have SCA**.

What's involved?

You will be asked to come to SickKids for two (2) in-person study visits, taking place about 2 years apart. Each study visit is expected to take about 6 hours (with breaks) and will involve:

1. Taking pictures of your brain with MRI ~ 1 hour
2. Recording how your brain sends messages with magnetoencephalography (MEG) ~ 1 hour
3. Cognitive (thinking) tasks ~ 2 hours

Are there benefits to participating?

There are no direct benefits to you for participating in this research.

We will provide reimbursement to help cover out-of-pocket expenses related to study participation.

In recognition of your time and effort, we will also give you a gift card and volunteer certificate for each study visit you complete.

The logo for SickKids, featuring the word "SickKids" in a bold, blue, sans-serif font. A small registered trademark symbol (®) is located to the upper right of the "s" in "Kids".