

Participate in Research:

A Randomized Placebo-Controlled Trial of Sertraline vs. Placebo in the Treatment of Anxiety in Children and Adolescents with Neurodevelopmental Disorders



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Date Posted: 02 Oct 2023

Version Date:
[V.2] 28 June 2023

The **Province of Ontario Neurodevelopmental Disorders (POND) Network** is researching genes, the brain, and behaviour to find potential treatments in neurodevelopmental disorders.

What is this study about:

We are currently studying a medication called sertraline to help reduce anxiety in children and teens with neurodevelopmental disorders!

Who can participate?

We are looking for:

- Children and teens between **8 and 17 years** old
- Diagnosed with autism spectrum disorder (ASD), ADHD, Tourette Syndrome, or genetic diagnosis of Fragile X, tuberous sclerosis or 22q11 deletions
- Meet criteria for an anxiety disorder
- Able to tolerate venipuncture (bloodwork)

What's involved?

- This study is comparing sertraline against placebo for reducing anxiety symptoms
- The trial is 16 weeks long
- There are 7 study visits
- Study procedures include bloodwork, smartwatch technology and questionnaires

Potential Benefits?

- Sertraline may help improve anxiety symptoms in children and adolescents.
- This research will help other children and families with neurodevelopmental disorders.

Potential Risks?

- The most common side effect is headache, nausea and dry mouth.

Participants will receive a gift card at each visit to thank them for their time.

REB #: CTO-3573