



Working Memory Training opportunities for children between 4 to 13 years old

Working memory is an important skill that helps children meet daily demands in the classroom. For example, children use their working memory when they are asked to keep multiple-step instructions in mind and use that information to solve a problem or complete a task.

In this study, we offer a 5-week computerized working memory training (Cogmed) for eligible participants.

To be eligible for this study, your child MUST be between 4 and 13 years old, use English as the first language at home, AND fulfil one of the following criteria:

1. For FASD group: Children have a confirmation of prenatal alcohol exposure with or without a formal diagnosis of FASD.
2. For Preterm group: Children born with gestational age ≤ 32 weeks and/ or birth weight $\leq 2500\text{g}$.
3. For Control group: Children are developing typically. Have no known genetic disorders (e.g., Down syndrome) and other neurodevelopmental disorders (e.g., autism) and significant motor/senory impairments (e.g., cerebral palsy, blindness).

If you participate in this study, you and your child will come the Glenrose Rehabilitation Hospital 3 times to take part in tasks testing your child's IQ, attention and working memory.

Your parking on the testing days will be compensated and your child will receive a small toy and a \$25 gift card at the end of each testing session.

If you have any questions about this research or are interested in participating in this study, please contact: Clara Lee at 780-735-7999 extension 15546 or email at clara.lee@albertahealthservices.ca.