

# Type 1 diabetes and the brain in children: Metabolic interventions

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This study is designed to look at how diabetes impacts the development of the brain, memory and thinking in young children. It will last about 2 ½ years. The study asks for the child to wear a continuous Glucose Monitor (CGM) for 1 week every 3 months, a blood draw, complete thinking and memory tests, and have a MRI of the brain.

## Inclusion criteria

- Ages 7-13
- Type 1 Diabetes diagnosed after age 6 months

We also need children ages 7-13 who do not have diabetes to do the study. They will need to complete the thinking and memory tests, a blood draw and a MRI of the brain but they **do not** have to wear the CGM.

For children with and without diabetes a parent will need to do an abbreviated IQ test.

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