

## Building Resilience in Adrenoleukodystrophy with Imaging and Neuropsychology (BRAIN)

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male

**Age Group:** Up to 18 years old

This study is also accepting healthy volunteers

**Inclusion Criteria:**

- 3 to 15 years old - male - diagnosis of ALD either at-risk for ALD: patients with genetically or biochemically-diagnosed ALD who currently have no evidence of cerebral disease on MRI and b) Cerebral ALD: boys with the cerebral form of ALD who underwent or are undergoing evaluation or treatment for this condition and have early stage disease - for healthy volunteers: males between 3 and 15 years old

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**Exclusion Criteria:**

- girls are excluded because this is a genetic disease that only males get - history of a genetic, neurological, or neurodevelopmental disorder affecting brain development - history of significant brain insult, infection or injury

### Conditions & Interventions

**Conditions:**

Brain & Nervous System, Children's Health, Rare Diseases

**Keywords:**

Healthy control, children, pediatrics, adolescents

### More Information

**Description:** This study is about a genetic condition called Adrenoleukodystrophy (ALD). The first goal of this study is to understand more about how ALD affects a child's brain and development in childhood as they take part in medical care and monitoring. This is important to identify the optimal ways to detect and treat manifestations of ALD such as cerebral ALD. The second goal is to learn about how ALD affects caregivers, so that clinicians can offer better support to families in the future. We will also have healthy comparisons to help to learn more about the condition (ALD) being studied, by comparing the information collected to a child without the condition.

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**Number:** STUDY00016246

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