

Building Resilience in Adrenoleukodystrophy with Imaging and Neuropsychology (BRAIN)

Status: Recruiting

Eligibility Criteria

Age: Up to 18 years old

This study is also accepting healthy

Healthy Volunteers: 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

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:

adolescents, children, Healthy control, pediatrics

More Information

Description: This is a prospective, longitudinal cohort study involving data collection regarding performance of children with ALD and typically developing (TD) children on neurocognitive testing and collection of neuroimaging data. 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 their normal medical care and monitoring. This is important to identifying the best 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.

Contact(s): Brain Study - brainstudy@umn.edu

Principal Investigator: Rene Pierpont

IRB

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