

Role of Oxidative Stress and Inflammation in Type 1 Gaucher Disease (GD1): Potential Use of Antioxidant/Anti-inflammatory Medications

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is NOT accepting healthy
volunteers

Inclusion Criteria:

- 18 years or older - diagnosis of Type 1 Gaucher's Disease (GD1) who are medically stable - on a stable medication therapy for 2 years, or if dosage or drug has been changed it has been at least 6 months and condition is stable

Exclusion Criteria:

- women who are pregnant or breast feeding - asthma that is currently being treated - unable to have a MRI scan

Conditions & Interventions

Interventions:

Drug: N-acetylcysteine

Conditions:

Rare Diseases

Keywords:

Gaucher disease

More Information

Description: The purpose of this study is to measure levels of blood and brain chemicals related to oxidative stress and inflammation in healthy volunteers and individuals with Type 1 Gaucher disease (GD1) to see if these levels are altered by GD1. We will also examine if there is a change in these blood and brain chemicals after participants begin taking oral N-acetylcysteine (NAC), which is available both as a prescription medication and a natural product that has antioxidant and anti-inflammatory effects.

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Phase: PHASE2

IRB

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