

## 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

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**Exclusion Criteria:**

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

### Conditions & Interventions

**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**

**Number:** 1506M74581

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