

## Genetic Modifiers and Glycemic Variability in Turner Syndrome

**Status:** Recruiting

### Eligibility Criteria

**Age:** Not specified

This study is NOT accepting healthy

**Healthy Volunteers:** volunteers

**Inclusion Criteria:**

- Participants with a diagnosis of Turner syndrome by karyotype - Ages 3 to 80

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**Exclusion Criteria:**

- Additional genetic diagnosis detected on karyotype, CMA, or FISH - Prior diabetes diagnosis - Current or recent (last 72 hours) use of systemic glucocorticoids - Current use of hypoglycemic agents - History of solid organ or bone marrow transplant - Currently pregnant - Non English-speaking

### Conditions & Interventions

**Conditions:**

Diabetes & Endocrine, Rare Diseases

**Keywords:**

Turner Syndrome

### More Information

**Description:** This study is looking at glucose (blood sugar) patterns in participants with Turner Syndrome between the ages of 3-80 years old. This will be done by obtaining 2 hours frequent blood sampling by completing an Oral Glucose Tolerance Test and a Mixed Meal Tolerance Test. Participants will also wear a continuous glucose monitor for 2 weeks. Along with the OGTT and MMTT, participants are asked to provide a blood sample for DNA and RNA testing. Participant's parents are asked to provide a saliva sample for DNA testing

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**IRB**

**Number:** STUDY00013812

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