



UNIVERSITY OF MINNESOTA
Driven to Discover®

TMD STUDY

Participant Information

IRB#STUDY00012939



PURPOSE OF STUDY

The purpose of this research study is to find the connection between chronic pain and the way your brain decides how you think and feel. We'll ask you to complete various tasks while using EEG to measure your brain waves. We will use this information to compare the brain circuitry between those who live with chronic pain associated with TMD to those who live without chronic pain.

WHAT IS TMD?

Temporomandibular disorders involve pain of the joints and muscles we use to eat, talk, smile, and chew. Pain is made worse by movements of the jaw and can become particularly self-limiting. The chronic form of TMD affects 5% of the population, which is about 11.2 - 12.4 million US adults.



SCHEDULING YOUR STUDY VISIT

You will need to set aside approximately **5 hours** for this study. This estimate includes finding parking so that you can arrive at the lab on time.

SAME DAY VISIT

If you agree to perform the study right after your clinic visit, one of the study team members will meet you in the pain clinic and walk you to the Mayo lab.

FUTURE STUDY VISIT

If you schedule a study visit for the future, we will email or call you to set up the best time and date that works for you. Study team members will meet you where you normally come in for clinic appointments, or at the Mayo building on campus.



COMMUNICATION WITH THE STUDY TEAM

We may ask you to take a communication preferences survey so that we know the best way to stay in touch. You will receive automated emails with links to take the surveys at home. We will contact you via your preferred method to remind you to about the surveys, study visits, and so you can share any questions or concerns with us.

CONTACT US



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STUDY INVESTIGATORS

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STUDY COORDINATORS

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STUDY LAB ADDRESS

420 Delaware St SE
Room: Mayo A470
Minneapolis, MN 55455

WHAT TO EXPECT



Oralfacial Pain Clinic



up to 45 min

● Screening at clinic (30 min)

● Consent/Enrollment at lab (10 min)

● Complete questionnaires (20 min)

● Play computer games (60 min)

● Chewing task & pain surveys (5 min)

● Online Questionnaires (2 min)

● Wear a sleep tracker every night

● Participation complete & payment sent!

In-Person Lab Visit



1.5 hours



2 WEEKS

Please remember to return the sleep tracking watch so we can collect the data & send the rest of your payment!

WASHINGTON STREET PARKING LOT

501 SE Washington Ave. | Minneapolis MN 55455

OAK STREET

401 SE Oak St. | Minneapolis MN 55455

FAIRVIEW PATIENT & VISITOR PARKING

659 Delaware St SE | Minneapolis MN 55414



Your Study Visit(s)

- On the day your study visit is scheduled, you will walk to the Herman-Darrow lab in Mayo building, Room A470, with one of the study team members.
- When you arrive, we'll go over the study with you again, including how to access the at-home surveys.
- We will fit you with a sleep tracking watch to be worn for 2 weeks. You will be asked to take surveys at home 2 - 4 times per week.

STUDY PROCEDURES BEGIN

- We will fit you with a dry EEG cap and get a baseline recording.
- Then you will begin playing the computer games.
- You may or may not chew wax or "chewies" on the first study day and you may be asked to complete online surveys in the lab.
- If you are a healthy control you will only chew and come in for just 1 study day.

BEFORE YOU GO

- Right before you leave, we'll make sure you can access the at-home surveys. You will have up to 4 weeks to complete the surveys if you need more time.
- The dry EEG headcap may leave minimal gel residue in your hair. There are semi-private bathrooms with sinks (no showers) near the lab, and we will provide shampoo, a towel, a comb, and a blow dryer in case you'd like to remove any residue before you leave.
- Lastly, we will confirm your mailing address for payment, and we'll give you a prepaid envelope that you can use to send back the sleep tracking watch at the end of two weeks.



COMPENSATION

You will be compensated \$130 for your participation.

- \$100 for study tasks
- \$30.00 for transportation and parking

The first \$65.00 of will be provided within 48 hours after the first study visit using a prepaid debit card.