

Development and Validation of an MRI-Compatible Jaw Metabolic Stressor Task_Study1

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is also accepting healthy volunteers

Inclusion Criteria:

- Had a dental exam in the last year - No significant body or mouth pain

Exclusion Criteria:

- Certain medical conditions (examples: autism, trigeminal neuralgia, pain conditions) - Facial hair or significant skin darkening on the cheeks

Conditions & Interventions

Conditions:

Dentistry

Keywords:

Jaw function, JMS

More Information

Description: The goal of this study is to develop and test a new way of measuring how much effort and strain the jaw muscles can handle before a person begins to feel specific levels of pain or fatigue. This involves a controlled jaw exercise task designed to better understand the relationship between jaw muscle effort, physical stress in the muscles, and how each person experiences discomfort. It is hoped that the information learned in this study will help researchers refine this new jaw testing method and confirm whether it accurately measures jaw muscle effort and discomfort. This may support future research that improves how jaw pain conditions are understood and eventually lead to better, more individualized treatments for people with jaw muscle and jaw joint disorders.

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IRB Number: STUDY00026440

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