

## Pilot study\_Jaw Muscle Metabolic and Brain-Derived Phenotypes of Chronic TMD Pain

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male or Female

**Age Group:** 18 years and over

This study is NOT accepting healthy volunteers

**Inclusion Criteria:**

- age between 18-74 years - pain-free participants OR chronic jaw pain ( > 3 months), - have a minimum set of teeth present

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**Exclusion Criteria:**

- certain medical conditions (examples: heart disease, diabetes, autism, trigeminal neuralgia) - any MRI contraindications (examples: metal implants, claustrophobia) - left-handed only

### Conditions & Interventions

**Conditions:**

Dentistry

**Keywords:**

Chronic Jaw Pain, Functional Brain Imaging, Temporomandibular Disorders, TMJ

### More Information

**Description:** The goal of this study is to learn more about a new way of gathering information about a person's jaw muscle pain – taking scans of the jaw muscles while a person bites down on a special device. It is hoped that the information learned in this study will help the study team to design a bigger study on this new way of learning about jaw muscle pain, which may lead to better, more individualized treatments for jaw muscle pain for future patients.

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**IRB**

**Number:** STUDY00020619

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