



# Research study on facial and jaw pain

**Our research lab at the University of Toronto, Faculty of Dentistry, is recruiting participants for a study investigating Temporomandibular disorders, a painful condition of the jaw and the chewing muscles affecting one in six Canadians.**

If you are willing to help us with our research, please fill the survey at: <https://redcap.utoronto.ca/surveys/?s=9CTF7PW88D> or use the QR code below. If you are eligible, we will invite you to our research lab to participate in our study.

The study will be performed at the Centre for Multimodal Sensorimotor and Pain Research at the University of Toronto and at the University of Toronto neuroimaging Facility (University of Toronto, St. George Campus).

If you agree to participate, we will:

1. Perform a clinical exam to assess your chewing muscles and jaw joint and ask you to answer some questionnaires
2. Perform a pain-sensitivity testing (1. measurement of sensitivity to pressure stimuli on your cheeks and temples; 2. cold and warm temperature, and pinprick on your hand and forearm)
3. Monitor the activity of your chewing muscles with an electronic device while you are performing a tooth clenching exercise, after having measured the size of your chewing muscles with an ultrasound device
4. Get an MRI (magnetic resonance imaging) scan of your brain and your chewing muscles.

**We will provide compensation (up to \$170) for participation and reimburse travel/parking expenses up to \$20.**

