



PARTICIPANTS NEEDED FOR STUDIES INVESTIGATING KNEE OSTEOARTHRITIS AND PAIN

Researchers from the Schroeder Arthritis Advanced Therapy Centre at the University Health Network are looking for adult volunteers to participate in clinical trials testing the effectiveness of investigational treatments that may reduce knee osteoarthritis symptoms



There will be two clinical trials. Each trial will test an experimental biologic injection. A placebo or inactive saline injection will also be used.

STUDY 1:

Bone Marrow Aspirate Injection (BMA) vs. Saline Injection

STUDY 2:

Lipoaspirate Micronized plus Leukocyte Poor - Platelet Rich Plasma Injection (LAM + LP-PRP) vs. Saline Injection

Some participants will get the biologic injection while others will get the inactive saline injection. This will help researchers determine if the experimental injection is more effective than the inactive saline injection.

Qualified participants must:

- Reside in Ontario, Canada
- Be 30 years or older
- Have a body mass index (BMI) 30 or less
- Have symptoms of, or been told that they have osteoarthritis (OA) in just one knee
- Have **not** been told that they are a candidate for knee replacement
- Have **not** received injections or arthroscopic surgery for managing knee OA symptoms in the past 6 months
- Have **no** history of autoimmune or inflammatory diseases, cancers, blood clotting disorders, and bone or skeletal diseases
- Have **not** taken prescription medications for pain on a daily basis or steroid hormones to treat a medical condition in the past 3 months
- Have **no** allergy to local anesthetics
- Be willing to stop taking non-steroidal anti-inflammatory drugs (NSAIDs) for about 6 months
- **Additional criteria will apply**

Qualified participants will receive:

- Medical screening
- Aspiration procedure to collect bone marrow or fat tissue depending on the study
- Injection (experimental or placebo) - you will not know which injection you will get

Qualified participants will be asked to:

- Donate samples (blood, urine, synovial fluid)
- Complete four questionnaires
- Track daily use of pain medication with a diary
- Attend five in-clinic appointments

LOCATION:

Toronto Western Hospital, University Health Network
399 Bathurst Street, Toronto, ON M5T 2S8, Canada

TO DETERMINE INITIAL QUALIFICATIONS OR FOR MORE INFORMATION ABOUT THE TRIALS:

Please contact the study team at 1-877-818-7340 or email SAATC@uhn.ca