

# Sympathetic Neurovascular Transduction: Role of Adrenergic Receptors and Sex Differences

NCT05997732

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Status	RECRUITING
Phase	Phase 4
Sponsor	University of Alberta
Enrollment	30 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Between ages 18-40 years
- No diagnosed medical history of cardiovascular, respiratory, nervous system, or metabolic disease.
- Females must be pre-menopausal.
- Prior to study visit: abstained from caffeine, alcohol, strenuous exercise, and medication not taken regularly for at least 12 hours.

### Exclusion (10)

- Current diagnosis of cardiovascular, respiratory, nervous system, or metabolic disease that may impact blood pressure regulation. This will be assessed on a case-by-case basis by the study physician.
- Participants with bleeding or clotting disorders, or those currently taking blood thinners.
- Participants currently taking beta-agonist inhalers i.e. Ventolin (at least not in the last 24 hours).
- Females who are pregnant, confirmed by a pregnancy test.
- Females who have are less than 1 year postpartum or are breastfeeding.
- ... and 5 more (see full listing online)

## Locations (1 total)

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University of Alberta, Edmonton, Alberta, Canada