

Effects Of Intravenous Oxytocin On Peripheral Sensory Afferents Using Microneurography

NCT07409753

Status	RECRUITING
Phase	Phase 2
Sponsor	Wake Forest University Health Sciences
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (4)

- In good health as determined by the Principal Investigator (PI) or co-investigators based on prior medical history, current psychiatric assessment, and clinical assessment of lab tests.
- Female participants of child-bearing potential including those \leq 1 year post-menopausal, must be practicing highly effective methods of birth control such as hormonal methods (e.g., combined oral, implantable, injectable, or transdermal contraceptives), double barrier methods (e.g., condoms, sponge, diaphragm, or vaginal ring plus spermicidal jellies or cream), or abstinence from heterosexual intercourse for a minimum of 1 full cycle before study drug administration.
- Normal blood pressure (systolic 90-140 mmHg; diastolic 50-90 mmHg) resting heart rate 45-100 beats per minute) without medication.
- Proficient in Swedish or English

Exclusion (10)

- Hypersensitivity, allergy, or a history of significant reaction to any ingredients of the active drug (Oxytocin Grindeks® 8.7 microgram/ml solution) or the placebo (Sodium Chloride , ATC code: V07AB).
 - Any disease, diagnosis, or condition (medical or surgical) that, in the opinion of the PI, would place the participant at increased risk (active gynecologic disease in which increased uterine tone would be detrimental e.g., uterine fibroids with ongoing bleeding), compromise the participant's compliance with study procedures, or compromise the quality of the data.
 - Women who are pregnant (positive result for urine pregnancy test at screening visit), women who are currently nursing or lactating, women that have been pregnant within 2 years.
 - Body Mass Index (BMI) \geq 30
 - Participants with neuropathy, chronic pain, diabetes mellitus, or taking benzodiazepines or pain medications on a daily basis.
- ... and 5 more (see full listing online)

Locations (1 total)

Linköping University, Linköping, Sweden