

Renal Metabolism

Plus Local Bank

Purpose: This project is being done to better understand how kidney metabolism differs between individuals who are salt-sensitive and who are not salt sensitive.

What Is Involved: The study will contain 1 screening visit and 4 study visits during an interval of 5-7 weeks. At these study visits you will:

Invasive Activities

Intravenous Saline infusion, Blood sampling, Renal vein sampling (optional procedure)

Non-invasive Activities

Measurement of blood pressure, height, weight, waist, thigh, and hip circumference, Medical history & questionnaires, MRI scans, Urine sample collection, Low salt and high salt diets

Inclusion Criteria:

Exclusion Criteria: Age < 25 years, Non-English speakers, Pregnancy/Lactation, BP > 160/100 mmHg or BP < 110/60, Daily sodium intake \geq 6000 mg/day, Diabetes, Congestive heart failure, Electrolyte disturbances, Claustrophobia, Presence of pacemaker or other metallic implant, Shellfish allergy

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