

Adipose Tissue Characteristics

Plus Local Bank

Purpose: This project is being done to better understand the biology of different fat tissue Depots.

What Is Involved: The study is divided into 3 parts and typically occurs over three days. First two visits involve measurements in the translational research unit and the third day would be the day of surgery to obtain fat tissue. At these study visits you will:

Invasive Activities

Blood sampling, Glucose Tolerance Test

Non-invasive Activities

Measurement of blood pressure, height, weight, waist, thigh, and hip circumference, Medical history & questionnaires, Resting metabolic rate, Urine sample collection, Body composition scan

Inclusion Criteria: 18 years of age or older, men and women, undergoing elective abdominal surgery.

Exclusion Criteria: Age < 18 years, Non-English speakers, Pregnancy/Lactation, weigh more than 400lbs or BMI greater than 50, Active malignancy, Post solid organ or bone marrow transplant, HIV/AIDS, end-stage renal disease on hemodialysis, end-stage liver disease with portal hypertension, undergoing chemotherapy

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