

APPROVED
JUN 10 2010
sm
COMIRB

Lean control subjects needed for a metabolism research study

We are looking for volunteers to participate in a metabolism study investigating how fat stored in your muscle affects insulin activity. You qualify to participate if you are lean (normal body weight- BMI below 25) and are between 30-60 years old.

One preliminary assessment will measure your body fat content, glucose tolerance, and routing blood tests. You will also have a health and physical examination performed by a physician.

Volunteers will complete 1 study day following a 12 hour fast. During the study you lie quietly from 7am until approximately 3 pm. All visits are performed at the Clinical Translational Research Center at the University of Colorado Anschutz Medical Campus.

For the study day, the following will occur:

- infusion of naturally occurring tracer of carbohydrate through an intravenous catheter
- blood sampling from catheter placed in hand vein
- insulin sensitivity test
- 2 muscle biopsies

Compensation will be provided.

P.I. Dr. Bryan Bergman, protocol 10-0443, Approved 5/27/11

Please call 303-724-3968, or e-mail anna.kerege@ucdenver.edu for more information about this study.