

UCSF Researchers Need Healthy Volunteers for a MRI Metabolism Study

Study Purpose: We hope to learn more about the metabolism of tissues in people with healthy organs so that we can optimize a new MRI technique for evaluating the metabolism of tissues, non-invasively, in the head, abdomen and pelvis.

Eligibility Criteria: Individuals should have good general health, with no significant medical conditions, such as cancer, kidney disease, diabetes requiring insulin, congestive heart failure or other significant cardiac disease. Individuals must be 18 years of age or greater.

Exclusion Criteria: Individuals should not have any contra-indications for MRI, (i.e., implanted medical devices, suspected presence of surgical materials or shrapnel that may be magnetized, suspected pregnancy, or severe claustrophobia). They should not have a history of movement disorder or inability to respond to verbal questions or commands.

Estimated Time Commitment: This study is expected to require 1-2 hours of active participation. If enrolled, you will be asked to: 1) have an intravenous catheter placed in the arm, 2) undergo a standard MRI scan of the head, abdomen or pelvis, and 3) undergo a second, specialized MRI scan to measure metabolism, involving the injection of hyperpolarized carbon-13 pyruvate, and, optionally, 4) a third, specialized MRI scan with another injection of hyper-polarized carbon-13 pyruvate.

Study Site: UCSF Mission Bay Campus, Byers Hall Building,
1700 4th Street, San Francisco, CA 94158.

For additional information, please contact the study coordinator, Chris Sotto, by email at Christopher.Sotto@ucsf.edu or by phone at (415)353-9452.