



University of Michigan Clinical Research

Title: Alzheimer's Disease patients needed for study with diabetic agent.

Condition Category: Alzheimer's Disease

Alternate Condition Category: Geriatric Conditions

Study Description: This study will examine the effects of a medication called rosiglitazone on the way the brain uses blood glucose in adults with Alzheimer's disease (AD). Blood glucose is also called blood sugar. It is the way your cells get energy from your blood. Some studies suggest that the way the brain uses blood glucose may affect thinking ability and memory. Rosiglitazone is a medication used to treat diabetes that helps regulate blood sugar. We will also look at the effects of rosiglitazone on other disease-causing processes in AD, such as a process termed "inflammation". Participants are persons with mild to moderate probable AD. Participants will be randomly assigned to one of two treatment groups. Random means by chance, like flipping a coin. Participants will be assigned either to the group that is given rosiglitazone (8 milligrams per day), or to the group that is given a tablet that looks like rosiglitazone but that is actually not a drug of any kind (a placebo). This will allow researchers to compare the effects of rosiglitazone to the effects of placebo.

Eligibility:

Age Range: From 50 To 85 years

Gender: Male and Female

Ethnicity: All

Race: All

Smoking: Both Smoking and Non Smoking Volunteers

Medication: No Restriction

This study is seeking: patients with specified condition

Other Eligibility Factors

Ability to comply with cognitive testing.

Cannot be claustrophobic.

Mild to moderate Alzheimer's disease.
No drug or alcohol abuse past 6 months.
permanent caregiver to attend all visits

Location of Study Visits: Ann Arbor, MI

Principal Investigator: Barbas,Nancy R

Compensation: \$25 routine visit (6), \$100 for screen period plus day one and each visit that includes PET scan.

Expected Recruitment End Date: 06/2006

Enrollment Information

Contact for this study: Lord,Joanne L
734-647-7760
jllord@med.umich.edu

PLEASE NOTE: Study Coordinators and Research Nurses cannot give medical advice over the phone. If you have specific questions regarding your health care, please call your primary care physician.

For University of Michigan Staff

IRB Number: 2004-0515

Formal Title: A Double-Blind, Randomised, Placebo-Controlled, Parallel-Group Study to Investigate the Effects of Rosiglitazone (Extended Release Tablets) on Cerebral Glucose Utilisation and Cognition in Subjects with Mild to Moderate Alzheimer's Disease (AD).

GCRC Study: Yes

Cancer Center Study: No

School: Medical School

Department: Neurology Department