

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #243a

1. Title:

Risk factors for changes in common carotid IMT

2. Authors:

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3. Rationale:

Relatively few studies have examined relationships between traditional CVD risk factors and short-term changes in carotid IMT. This study will evaluate the relationships between baseline risk factor measurements and 3 year changes in common carotid IMT (from Visit 1 to Visit 2). Change in carotid IMT will be estimated as the difference between reader and reading date adjusted Visit 1 and Visit 2 mean far wall thickness, averaged over the optimal, anterior and posterior views of the right and left common carotids, after control for baseline IMT and center. Risk factors to be examined will include hypertension, systolic and diastolic blood pressure, smoking history (status and pack years of exposure), fibrinogen, total cholesterol, HDL, LDL, diabetic status, fasting glucose and insulin, body mass index and hormone replacement therapy.

4. Timeline:

Analyses are currently underway Draft manuscript is anticipated by November, 1995.