

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #003E

1. Title:

Predictors of Discordance vs. Concordance Between Carotid ARtery Wall Thickness and Distensibility: The ARIC Study

2. Objective:

Examine factors related to concordance and discordance between carotid distensibility and wall thickness (overall). More specifically, to better understand the etiology of elastic thick arteries and stiff thin arteries.

3. Lead:

G. Evans

4. Variables:

Race, age, gender, pulse pressure, EP, body size, BP, lipids fibrinogen, smoking, alcohol consumption, physical activity and wall thickness.

5. Proposed Analyses:

Analysis 1 Break groups into 4 areas, thin elastic, thin stiff, thicker elastic, thicker stiff. Show the age race/gender distribution of these groups.

Analysis 2 Examine the above risk factors across the above four groups.