

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #235

1. Title (26 characters):

Lipids/athero black/white

[The relationship between lipids/lipoproteins and atherosclerosis (far wall thickness) in African Americans and whites]

*For presentation at the "Conference on Atherosclerosis Risk in African Americans," Sept. 22, 1994.

2. Writing Group (lead person listed first):

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3. Timeline:

Initial analysis by Jan. 1994, Draft of paper by March 1994

4. Rationale:

Differences in the levels of lipids and other risk factors have been shown between blacks and whites. Blacks and whites also differ in the distribution of intimal-medial thickness within the carotid artery segments examined in ARIC. Lipids and lipoproteins have shown strong cross-sectional relationships to carotid atherosclerosis defined by ultrasound. This report will describe similarities or differences in these relationships for whites and African Americans.

5. Main Hypothesis:

The relationships of LDL-c, HDL-c, HDL2-c, HDL3-c, ApoA, ApoB, Triglycerides and Lp(a) to atherosclerosis are the same for whites and African Americans.

6. Data (variables, time frame, source, inclusions/exclusions):

LDL-c, HDL-c, HDL2-c, HDL3-c, ApoA, ApoB, Triglyceride, Lp(a), average far wall thickness, BMI, physical activity, ethanol consumption, age, sex, and race from Visit 1.