

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #281

1. Title:

Hb Alc & Atherosclerosis

2. Writing Group (list individual with lead responsibility first):

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3. Timeline:

An abstract for the 1995 AHA Epi Council Meeting. Manuscript by March 1995.

4. Rationale:

Hemoglobin Alc is a commonly used measure of long term glucose levels among diabetics. Some data suggest that, among non-diabetics, hemoglobin Alc levels are associated with prevalent cardiovascular disease. ARIC has measured the level of hemoglobin Alc in ultrasound-defined atherosclerosis cases and matched controls.

5. Main Hypothesis:

In non-diabetics, hemoglobin Alc level is positively associated with caseness after control for cardiovascular risk factors including insulin and glucose.

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

Ultrasound-defined cases and controls.

Hemoglobin Alc

Covariates: cardiovascular risk factors (smoking, hypertension, LDL cholesterol, HDL cholesterol, body mass, diabetes, glucose, insulin, education).