ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #478S

1. a. Full Title: The association of sleep disordered breathing with an abnormal ankle-arm index.
   b. Abbreviated Title: SDB and ankle arm index

2. Writing Group:

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3. Timeline:

   To be analyzed after all baseline data is collected.

4. Rationale:

   The ankle-arm index is reduced in those with peripheral arterial disease in the legs. It is a marker of the extent of atherosclerosis and can be used to classify participants as having subclinical disease.

5. Main Hypothesis:

   Those with a low AAI, but no history of prevalent CVD, will have a higher RDI than those with no evidence of CVD (no history and a normal AAI).

6. Data (variables, time window, source, inclusions/exclusions):
Population: Full cohort, classified by baseline prevalent CVD.
Other data: Respiratory disturbance index; AAI (from parent cohort data set); BMI (SHHS); Smoking history (parent cohort); Blood pressure, age, race, gender (parent cohort); Diabetes (parent cohort); Lipids (parent cohort); CVD status (SHHS).