

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #446

1. a. Full Title: Hemostasis and Incident Stroke

b. Abbreviated Title: Hemostasis-Incident Stroke

2. Writing Group:

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3. Timeline:

Begin when 1994 stroke data closed.

4. Rationale:

We have explored the relations of hemostatic factors and white blood cell count measured at ARIC Visit with prevalent and incident CHD and carotid IMT.

Thrombogenic factors are also likely related to stroke, although there are few prospective studies in the literature.

5. Main Hypothesis:

Incident stroke is associated positively with thrombogenic factors and white blood cell count.

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

Inclusion: Participants free of CHD and stroke at Visit 1.

Independent variables: Fibrinogen, VII, VIII, vWF, aPTT, ATIII, Protein C, platelet ct, WBC, hematocrit

Dependent variables: Incident stroke occurrence (total, thrombotic)

Covariates: Other CVD risk factors measured at baseline.