

ARIC Manuscript Proposal # 844

PC Reviewed: 11/29/01

Status: A

Priority: 2

SC Reviewed: 12/03/01

Status: A

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1.a. Full Title: AN INTERACTION BETWEEN PLASMA THROMBOMODULIN AND FIBRINOGEN OR FACTOR VIII IN PREDICTING INCIDENT CORONARY HEART DISEASE

b. Abbreviated Title (Length 26 characters): THROMBOMODULIN, FACTOR VIII, FIBRINOGEN AND CHD

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

Lead: Kenneth K Wu

Address: University of Texas Houston TX- Medical School-Hematology and Vascular
Biology
6431 Fannin Houston TX 77030

Phone: 713-500-6801

Fax: 713-500-6810

E-mail: Kenneth.K.Wu@uth.tmc.edu

Writing group members: Nena Aleksic
Harinder Juneja
Chul Ahn

3. Timeline: 1 month

4. Rationale: Several coagulation and fibrinolytic factors are reported to be associated with risk of CHD. However, the risk association of an individual factor with CHD is weak and often inconsistent. We hypothesize that a combined analysis of prothrombotic and antithrombotic factors provides a better prediction of CHD.

5. Main Hypothesis/Study Questions: A combined analysis of prothrombotic and antithrombotic factors provides a better prediction of CHD

6. Data (variables, time window, source, inclusions/exclusions): We propose to analyze several antithrombotic [soluble thrombomodulin (sTM), antithrombin III (AT-III) and protein C] and prothrombotic risk factors [fibrinogen, factor VIII, von Willebrand factor (vWf), factor VII] in 365 CHD cases and 734 non-cases. Weighted proportional hazard model will be used to determine interaction between prothrombotic and antithrombotic factors.

7.a. Will the data be used for non-CVD analysis in this manuscript? ☐ Yes ☒ No

b. If Yes, is the author aware that the file ICTDER01 must be used to exclude persons with a value RES_OTH = “CVD Research” for non-DNA analysis, and for DNA analysis RES_DNA = “CVD Research” would be used? ☐ Yes ☐ No

(This file ICTDER01 has been distributed to ARIC PIs, and contains the responses to consent updates related to stored sample use for research.)

8.a. Will the DNA data be used in this manuscript? ☐ Yes ☒ No

8.b. If yes, is the author aware that either DNA data distributed by the Coordinating Center must be used, or the file ICTDER01 must be used to exclude those with value RES_DNA = “No use/storage DNA”? ☐ Yes ☐ No