ARIC Manuscript Proposal #781

PC Reviewed: __03/08/01__   **Status:** __A__   **Priority:** __1__
SC Reviewed: _____   **Status:** _____   **Priority:** _____

1.a. Full Title: Subclinical atherosclerosis measures and incident CVD in diabetics

  b. Abbreviated Title (Length 26 characters): Athero & CVD in diabetics

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

    Lead: A Folsom
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    Writing group members: Chambless, Duncan, Pankow

3. Timeline: Analysis spring 2001

4. Rationale: A recent diabetes workshop pointed out that we have little information about whether subclinical atherosclerosis measures (ankle/brachial index (ABI), carotid IMT) predict CVD risk better or worse in people with diabetes vs those without. CHS has published on this but almost no one else. ARIC can address this.

5. Main Hypothesis/Study Questions: Are ABI and IMT associated with incident CVD in people with diabetes? (undoubtedly true) Are the associations similar to those in people free of diabetes.

6. Data (variables, time window, source, inclusions/exclusions):
    Dependent: incident stroke, incident CHD through 1998.
    Independent: baseline ABI, IMT, continuous and categorical
    Covariates: major risk factors
    Exclusions: prevalent CVD
    Analysis: Compute incidence rates and HRRs by diabetes status and categories of IMT/ABI.
    Also look at ROC characteristics for assessing prediction.

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

  b. If Yes, is the author aware that the file ICTDER02 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   ___x_ 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**

**9. The lead author of this manuscript proposal has reviewed the list of existing ARIC
Study manuscript proposals and has found no overlap between this proposal and
previously approved manuscript proposals either published or still in active status.
ARIC Investigators have access to the publications lists under the Study Members Area
of the web site at: http://bios.unc.edu/units/cscc/ARIC/stdy/studymem.html**

__X__ Yes   ____ No