

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #442

1. a. Full Title: Incidence Rate of Stroke in the ARIC Cohort: Methods and First 5-Year Follow-Up

b. Abbreviated Title: SRIC Stroke Rates

2. Writing Group (list individual with lead responsibility first): Wayne Rosamond, Ph.D. (Lead)

Address: 137 E. Franklin St., Suite 203, Chapel Hill, NC 27514

Phone: (919) 962-3230 Fax: (919) 962-3265

E-mail: uccdrw@mail.csc.unc.edu

Aaron Folsom

Eyal Shahr

Lloyd Chambless

Lawton Cooper

Paul McGovern

George Howard

3. Timeline:

Writing methods could begin immediately. Rate analysis to begin after closure of stroke surveillance through 1994, scheduled for December 1996.

4. Rationale:

Methods of classifying CHD events in ARIC surveillance have been published. Another currently active manuscript (#211) is exploring comparisons in the methods of determining MI incidence between community and cohort methods. This proposed manuscript would describe the methods used to identify and classify clinical stroke events in the ARIC cohort. This will set the stage for future papers on risk factors for clinical stroke. In addition, this paper would establish the incidence rate of clinical stroke by gender/race/geographic location for the first five years to follow-up in ARIC. Other demographic characteristics will also be related to stroke rates (socioeconomic status, occupation, marital status). Quality control would also be included.

5. Main Hypothesis:

This paper is primarily descriptive, whose primary purpose would be hypothesis generation rather than hypothesis testing.

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

All strokes through the end of 1994 will be analyzed. Visit 1 data will be used to identify person with a history of stroke (TIAB01 and/or HOMLOD).