ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #085

1. Title:
Differences in outcomes from Myocardial Infarction in relation to difference in hospital medical care

2. Writing Group:
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3. Timeline:
Analysis could be started based on available data from the ARIC Surveillance hospital record abstraction.

4. Rationale:
University hospitals are likely to admit a selected group of patients with MI. They also tend to carry out sophisticated procedures (reperfusion techniques, cardiac catheterization, etc.) for which non-teaching hospitals may have no appropriate facilities. Patients age, race and sex, as well as geographic location could be additional factors associated with a differential in admission policies.

5. Main Hypothesis:
1. The process of care for Myocardial Infarction in teaching and/or large hospitals is different from that of non-teaching hospitals.

2. The differences in hospital medical care found between these groups of hospitals are related to the outcome of MI, after controlling for other factors.

6. Data:
Data on hospitalizations from ARIC surveillance are to be used. Information on length of hospitalization, type and number of procedures carried out, clinical characteristics of patients, laboratory tests related to MI, as well as patients' disposition can be obtained from HRA forms. There are 21 coded hospitals for the 4 ARIC catchment areas. For each area, teaching and non-teaching, rural/urban, large/small hospitals can be identified.

Keywords: CHD, medical care, SES