

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #027A

Title: A Multiple Metabolic Syndrome is Present in African Americans

Writing Group:

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Background:

ARIC Ms#027 presents evidence of clustering of metabolic abnormalities in the ARIC population, consistent with the multiple metabolic syndrome described previously in the literature. Because of the complexity of the information presented in that manuscript, the data were presented in an aggregate fashion without a breakdown by demographic groupings. Considering the high frequency of occurrence of metabolic abnormalities related to the insulin-glucose axis in African Americans, it is reasonable to postulate that a different type of clustering would be observed in this ethnic group. The empirical verification of this assumption serves as the focus for the manuscript proposed here. Because of its close topical and methodologic links to ARIC Ms#027, it is proposed to identify this new manuscript as #027A.

Goal: Describe the clustering of metabolic abnormalities and its association with fasting insulin levels, the waist-to-hip ratio, and body mass index in African American men and women.

Data Needed: The data needed are those of Ms#027, and are available.

Time Frame: It was the understanding of the authors that Ms#027A had been established, and work has proceeded toward the completion of this manuscript. A draft manuscript is attached.