1. Title:
Predictors of Hypertension

2. Writing Group:
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3. Timeline:
The proposed analyses will be started immediately

4. Rationale:
The ARIC study provides an opportunity to study the association of risk factors measured in Visit 1 with Visit 2 incidence of hypertension in each sex-race subgroups. An exploratory study will be done in those people found to be normotensive in visit 1.

5. Main Hypothesis:
The study will assess traditional risk factors for hypertension, such as BMI in the development of hypertension defined as systolic blood pressure levels greater than or equal to 140 mmHg and/or fifth diastolic blood pressure greater than or equal to 90 mmHg, or with hypertension medication.

6. Data (variables, time window, source, inclusion/exclusion):
Data come from the first (1986-1989) and second (1990-1993) ARIC Visit. The variables needed for analysis are baseline demographic variables (area, sex, age, race, marital status, SES), anthropometric data (BMI, HT, WT, waist, hip), biochemical analytes, lipids, fibrinogen and spirometric data.