

ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #367

1. Title: Sialic Acid, IMT, Infections

2. Writing Group:

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3. Timeline:

Manuscript in early 1996

4. Rationale:

ARIC has shown serum sialic acid positively associated with carotid IMT (Rastam et al.). In ARIC, IMT is also association positively with antibody levels to herpes viruses and chlamydia TWAR. The interrelation of these findings needs to be addressed, particularly whether there is confounding.

5. Main Hypothesis:

The sialic acid association with carotid IMT is explained by elevated antibody levels.

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

Dependent Variable: Ultrasound case-control status from Visit 1.

Independent Variable: Sialic acid, antibody levels, other carotid atherosclerosis risk factors from Visit 2.