

# ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #195A

1. Title (length 26):

MRI for Quantification of Fat by Spin Echo and Inversion Recovery

2. Writing Group (list individual with lead responsibility first):

(lead) John R. Crouse, MD

Gregory W. Evans

James G. Terry

Pamela J. Schreiner

William H. Hinson

Amy P. Hagaman

3. Timeline:

Ready for Submission

4. Rationale:

Spin Echo MRI has not previously been validated. This validation is against inversion recovery.

5. Main Hypothesis:

MRI reliably measures Intraabdominal fat; Spin echo is equal to inversion recovery.

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

ARIC Form Forsyth Center participants in Ancillary Study

Age

Race

Second Visit

BMI

Gender

Waist-hip Ratio

Subscapular Skinfold

Triceps Skinfold