Reviewer's report

Title: Carotid intima-medial thickness measured on multiple ultrasound frames: Evaluation of a DICOM-based software system

Version: 1 Date: 21 August 2007

Reviewer: Christina Petersen

Reviewer's report:

The Authors must be congratulated for their important, honest and critical contribution to the literature. Their results cast a shadow on the diffuse acritical overuse of ultrasound-based assessment of CIMT in clinical trials and clinical decision making.

What next?: Accept without revision

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.