Reviewer's report

Title: Ultrasound settings significantly alter arterial lumen and wall thickness measurements

Version: 1 Date: 27 December 2007

Reviewer: Rosa Sicari

Reviewer's report:

In the present study Potter at al. address an important issue: the ultrasound machine setting when measuring arterial lumen and thickness. The wealth of follow-up studies published so far may have intrinsic methodological flaws. The present results have important clinical implications and authors identify correctly the weaknesses and limitations of the method employed to assess the variability of the measurements obtained.

What next?: Accept without revision

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.