Reviewer's report

**Title:** Predicting Clinically Unrecognized Coronary Artery Disease: Use of Two-Dimensional Echocardiography

**Version:** 1  **Date:** 26 December 2008

**Reviewer:** Luna Gargani

**Reviewer's report:**

This is an interesting paper, evaluating the echocardiographic predictors of coronary artery disease. The study is well-designed, as both physiological and anatomical CAD outcomes are evaluated.

There are some methodological aspects that should be underlined: the definition of LV enlargement as LVEDD > 50 mm, as well as the definition of LV hypertrophy seems questionable, as they do not refer to any existing Guideline. This reviewer is sure that Authors must have convincing reasons for this: they already comment on LV hypertrophy in the Limitations section. Please address also on LV enlargement and explain reasons for these choices.

Authors properly underline that they would not advocate use of TTE as screening test for unsuspected CAD. Anyway, it would be appropriate to suggest an eventual diagnostic pathway for patients referred to TTE for other reasons, in which WMA, MAC and AS are found.

Reference 1 and 9 should be updated.

Some minor reports:
- Page 5, line 10: a full-stop should be added before “Abnormal”
- Page 5, line 15: Accuson should be Acuson

**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.

**Declaration of competing interests:**

I declare that I have no competing interests.