Reviewer's report

Title: Impact of coronary artery calcification on risk assessment in asymptomatic subjects with family history of premature coronary artery disease

Version: 2 Date: 1 May 2012

Reviewer: Salah QANADLI

Reviewer's report:

The authors address an interesting issue, calcium scores/volumes and their value in the First Degree Relatives of patients with documented CAD (coronary angiography).

The study is original, well conducted and very well reported.

Results and conclusions are of great interest for the reader, specifically regarding the adding value of calcium scores/volumes in the secondary stratification of cardiovascular risk in this specific population as well as regarding the value of IMT. I appreciate the analysis of calcium score of 0 and the subsequent discussion.

I regret however that there was no biochemical data available for comparison in the control group, particularity regarding the cholesterol.

I have no specific request for the authors.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests