Reviewer's report

Title: Effects of vitamin D administration on cardiac natriuretic peptide levels in vitamin D deficient women

Version: 1 Date: 30 June 2008

Reviewer: D. Sudhaker Rao

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General: This is a small prospective interventional clinical study with 2 different doses of vitamin D replenishment. It is a well conducted albeit not necessarily well designed study. Nevertheless, the results provide a basis for “proof of concept”. The limitations of the study are appropriately acknowledged, a rarity nowadays. Finally, the study comes from a group of investigators who have published on the subject previously.

Major Compulsory: None:

Minor Essential:

1. It would be desirable if the sample recruitment is described a bit more detail. Consecutive, random, or whoever agreed to participate etc.

2. An explicit statement of ethnicity of the population would benefit the reader and also explains the high incidence of vitamin depletion.

3. Suggest moving the PRA bars, which show a non-significant change, after 25-OHD and NT-proBNP.

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

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