Reviewer's report

Title: Time course and dose response of alpha tocopherol on oxidative stress in haemodialysis patients

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Reviewer: Carmine Zoccali

Reviewer's report:

This is a worthy pilot study aimed at studying the dose - response relationship of the effect of alpha tocopherol on 8-iso-PGF2 alpha.

In general the study protocol is nicely illustrated and the rationale is very well described.

I have just 2 considerations for the authors:

1) Given the uncertainty that the SD of the mean of surrounds 8-iso-PGF2 alpha levels in ESRD patients I would enlarge the number of patients to 20 per study arm.

2) I would also measure oxidative stress markers other than 8-iso-PGF2 alpha. It is true that 8-iso-PGF2 is a solid indicator of oxidative stress but the process is of unique complexity and it would be better monitored by a multi-marker approach.

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'