Reviewer's report

**Title:** Risk factors of one year increment of heart calcifications and survival in hemodialysis patients

**Version:** 1  **Date:** 16 November 2009

**Reviewer:** Tomasz P Stompor

**Reviewer's report:**

Major compulsory revisions
- in my opinion the submission is worth to be published since the data concerning the impact of vascular calcification on survival are scarce. Unfortunately, the manuscript is written careless concerning its style and language, with many grammatical errors. The authors mention in the methods section that heart calcifications were also evaluated (which is not true, analysis is limited to coronary arteries). I would like to know if having no atrial fibrillation was mandatory to measure calcification score. The abbreviations are not explained (25-OHD) and units not provided (see the formula for albumin-corrected calcium). The term 'delta' is not defined (as an increment in calcification score). Most of the associations reported here were already published; authors should focus especially on the impact of baseline scoring and its increase on survival.

In conclusion this paper should be carefully re-edited and re-evaluated in terms of English before making any decision.

**Level of interest:** An article of importance in its field

**Quality of written English:** Not suitable for publication unless extensively edited

**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.