Reviewer's report

Title: Oxidative stress markers are associated to vascular recurrence in non-cardioembolic stroke patients non-treated with statins

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Reviewer: Inga Zerr

Reviewer's report:

The authors of this present manuscript analysed atherosclerotic and oxidative stress marker in blood in 477 stroke patients on admission and at follow up. The main outcomes are: patients with poor prognosis such as vascular recurrence or vascular-origin deaths had significantly higher levels of 8-OHdG, indicating potential prognostic role of this marker. The paper is well written, the methods are sound and the data are well presented. These results need to be evaluated now further in a prospective study given the potential of 8-OHdG to become a prognostic parameter. I would like to ask to add data on potential association with age or gender or the size of stroke/ischemic damage

Level of interest: An article of outstanding merit and interest 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