Reviewer's report

Title: Clinical predictors of lacunar syndrome not due to lacunar infarction

Version: 1 Date: 17 February 2010

Reviewer: Kostas Vemmos

Reviewer's report:

Comments to the authors

The manuscript is well written and presents essential data to neurologists and stroke clinicians concerning “lacunar syndrome not due to lacunar infarct”.

I address some minor comments:

1. The authors mentioned in the section of Patients and Methods, page 4 “Neuroimaging findings” but they do not present any data in Table 1. It could be interesting to present data in these two categories, such as single vs multiple infarcts, as well as the presence of coexistent white matter lesions. These data could be included in the multivariate analysis.

2. Page 4, in the paragraph 2: reference 9 is wrong.

3. Table1: Cranial trauma is not a stroke risk factor.

4. Outcome data is not appropriate to include in the multivariate analysis.

5. Study limitations should be addressed: single center study, not a population, etc

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

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests