Reviewer’s report

Title: Computed tomography scan based prediction of the vulnerable carotid plaque

Version: 0 Date: 04 Jul 2017

Reviewer: Jianping Dai

Reviewer's report:

In this study, it found that CTA-software cannot be used in risk assessment of patients, due to poor specificity and NPV. The correlation between in vivo CTA and ex vivo NCCT was strong, proposing it to be used in both scientifically and clinical settings. However, there are many errors in this manuscript which should be addressed.

Page 6 line 9, missing the full spelling of IPH.

Page 8 line 6 there was missing space between p and <, also between < and 0.05

Page 8 line 53, figure or figurer?

Page 11 line 3 and line 17 generel or general?

Page 14, line 33, We thank study nurse Susanne Petersen?

Page 15, line 47, 321 p. p.?

Page 16, the title of table 1 is too brief to understand the content of it.

Figure 2, Figure 3 and Figure 4 was obscured. Figure 3 so small, typesetting is too crowded to watch.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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