Reviewer's report

Title: Impact of Bubble Size in a Rat Model of Cerebral Air Microembolization

Version: 1 Date: 24 July 2013

Reviewer: Fabio Acocella

Reviewer's report:

The manuscript has a well defined study design, starting from a clinical problem during CPB still unsolved at all.

The data you show on ischemic lesions detected by MR scan seems to be doubled in small bubbles group, so as the Neuroscore was worse in the large bubbles group. These tendencies don't show any statistical significance. I think that implementing the number of animals of each group could carry reliable data.

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