Reviewer's report

Title: Risk Factors for Early Postoperative Cognitive Dysfunction after Non-Coronary-Artery-Bypass-Graft Cardiovascular Surgery in a Chinese Han Population

Version: 1 Date: 14 June 2013

Reviewer: Michihiro SUWA

Reviewer's report:

Acceptable but I consider that the further evaluation is needed in the following points.
Authors elucidated that patients developed POCD were older than those who did not. Is there any difference in the incidence of POCD in each age group (such as age of 60-70, 71-80 and over 81). Please define these data.

If you have any data concerning to the incidence of POCD after CABG surgery without using CPB. Please add those as the baseline data without relation to aortic cross-clamp procedure.
How about the long-term outcome in POCD?
Is there the occurrence of chronic cognitive impairment?
Do you have any suggestion or advice to cardiovascular surgeons?

As the minor issue,
The word “non-CABG cardiovascular surgery is too long, so I feel the word “non-coronary bypass surgery” may be suitable.

Level of interest: An article of limited interest

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

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

nothing