Reviewer's report

Title: The effect of cigarette smoking on recovery time after sevoflurane anesthesia

Version: 1 Date: 29 January 2010

Reviewer: Arvi Yli-Hankala

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Minor Essential Revisions
1. The title should be changed: recovery is not measured here, but the washout time.
2. One MAC-h standardized sevoflurane anaesthesia: this refers to exact 1 MAC-h anaesthesia. However, in study design it is said: "On average, operations lasted 1 hour." Please clarify, whether sevoflurane exposure was exactly 1 MAC-h or, 1 MAC-h 'on average'.
3. There seem to be a tendency toward shorter washout times for smokers compared to non-smokers, although clinical significance was not reached. Unfortunately, the description of sample size evaluation is missing, and should be included.

Discretionary Revisions
The figures, as they are, do not really add anything for the report. Their information could easily be included in the text.

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

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.