Reviewer's report

Title: Smoking, dementia and cognitive decline in the elderly, a systematic review

Version: 2 Date: 4 August 2008

Reviewer: Danielle Laurin

Reviewer's report:

Major Compulsory Revisions:
1) Smoking status: It should be mentioned that the current review is based on the published literature, and that authors were not contacted directly.

2) Reference 45. Even though exposure was assessed during midlife and that dementia was diagnosed late in life, they remain prevalent cases of dementia since examination 4 was the baseline phase of the HAAS. A note could however be added to clarify that smoking status was assessed during midlife.

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.