Reviewer's report

Title: The Influence of Gender on the Effects of Aspirin In Preventing Myocardial Infarction

Version: 1 Date: 22 May 2007

Reviewer: Gregory Lip

Reviewer's report:

Generally a very nice piece of work. Well done!
Intro - state a clear hypothesis to be tested.
Is the search rather limited, to Pubmed only? what about other important databases eg EMBASE, etc?
Clarify if non-English literature also searched. State this in the text.
Results - make more comment on quality of data/studies.
Any information on time course of events? The benefits of aspirin post-MI seem to be most noted in the early period (eg 30 days) with little benefit afterwards on mortality [the survival curves in the ISIS trials were parallel afterwards]. A comment is needed here.
What about other trials with atrial fibrillation that used aspirin eg AFASAK, PATAF, SAFT etc?

Typo in Table:
AMIS ... eexperienced ....

Which journal?: Appropriate or potentially appropriate for BMC Medicine: an article of importance in its field

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions

Quality of written English: Acceptable

Statistical review: Yes

Declaration of competing interests:

‘I declare that I have no competing interests’