Reviewer's report

Title: Increased proton pump inhibitor and NSAID exposure in irritable bowel syndrome: results from a case-control study

Version: 3 Date: 28 July 2012

Reviewer: saurabh mukewar

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Addressed issue of duration of exposure prior to onset of symptoms.

Other comments:

ABSTRACT
Results: Should add a statement that PPI use was not significantly correlated after controlling for dyspepsia. - made necessary changes to abstract.

METHODS
“In other cases, diagnosis according to Rome III criteria (symptoms for at least 6 months) was confirmed using questionnaires sent to patients to assess symptom duration following initial symptom onset.” – Unclear what this means. Were these cases with <6 month history of IBS symptoms. - addressed

“The control group consisted of 408 individuals randomly selected from the general population in Maastricht, the Netherlands” – Were there 287 controls or 408 controls? - addressed

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.