Reviewer's report

Title: Risk of new acute myocardial infarction hospitalization associated with use of oral and parenteral non-steroidal anti-Inflammation drugs (NSAIDs): A case-crossover study of Taiwan’s National Health Insurance claims database and review of current evidence

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Reviewer: Peter Anderson

Reviewer's report:

This manuscript has been reviewed and the revisions have taken into account the issue raised by the reviewers. As mentioned by the reviewers and the authors, the case-cross over design is a valid but seldom used analysis – mainly because of difficulties in accurately controlling the cross over portion of data analysis. Thus, it is well recognized that this methodology may be somewhat difficult and open to evaluation/criticism by various observers.

Although I am not an expert in statistics, in my opinion the authors have adequately justified their use of this statistical analysis and have tried as best as possible within the confines of this population dataset to control and cautiously interpret their findings. Although open to some criticism regarding methodological issues, these data do provide important insights into the role of NSAIDs in acute myocardial infarction.

I think the authors have adequately addressed the issues raised by the reviewers.

Declaration of competing interests:

I declare that I have no competing interests