Reviewer's report

Title: Migraine and Increased Risk of Developing Open Angle Glaucoma: A Population-Based Cohort Study

Version: 0 Date: 25 Oct 2018

Reviewer: Riham Allam

Reviewer's report:

The study is a retrospective analysis for the association between migraine and POAG in Taiwan

Analysis:

1. The study question and idea: the idea has been studied before in the same population for both POAG and PACG by Chen et al., 2016 (Chen, Lin and Kao. Does Migraine Increase the Risk of Glaucoma? A Population-Based Cohort Study. 2016: Medicine Volume 95 ( 19), DOI 10.1097/MD.0000000000003670)

2. The study design and methodology: a well conducted study regarding data analysis and collection, statistical analysis and data presentation

Impression:

The study is not novel. a prospective cohort study to see the relation between glaucoma progression and migraine severity would have been of more interest from my point of view
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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