Reviewer’s report

Title: Pain sensitivity and analgesic use among 10,486 adults: The Tromsø Study

Version: 1 Date: 20 Jan 2017

Reviewer: Supriya Kulkarni

Reviewer’s report:

In the present study, authors demonstrate that chronic use of opioid, or non opioid analgesics leads to an increased pain sensitivity. Hence the vicious circle of use of chronic analgesic use, decrease in pain sensitivity, and increase or prolongation in use of analgesics keeps repeating. Authors present this study from data accumulated/generated by the prospective Tromsø study in Norway with n >10,000.

The study is well designed and data adequately represented.

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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