Reviewer's report

Title: Clinical Characteristics Associated with the Onset of Delirium among Nursing Home Residents

Version: 2 Date: 17 Jan 2018

Reviewer: Kenneth Boockvar

Reviewer's report:

The authors were responsive to previous comments. Additional suggestions: 1) Make clear in the title and abstract that the study population was long-stay nursing home residents; e.g., make the title "Clinical characteristics associated with the onset of delirium in long-stay nursing home residents" and add the phrase "and a minimum stay of 180 days" after "with no baseline delirium" in the abstract methods. 2) In the abstract conclusion make clear that dementia was also associated with delirium and remove the reference to "appropriateness" since the paper is not about appropriate prescribing; if these suggestions are accepted, the abstract conclusion first and last sentences would read: The presence of dementia, pain, and the use of anti-psychotics were associated with the onset of delirium....Future studies are necessary to examine prescribing patterns in nursing homes and their relationship with delirium.

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 am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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