Reviewer’s report

Title: Treatment patterns and burden of behavioral disturbances in patients with dementia in the United States: a claims database analysis

Version: 1 Date: 23 May 2018

Reviewer: Shuying Zhang

Reviewer’s report:

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BPSD management is the most challenging task during dementia care. This case-control study used real-world data to compare medical and psychiatric comorbidities, comedication use, healthcare service utilization and cost between persons with dementia with behavioural disturbances (BD) and those without BD. The research design, data source, inclusion criteria and analysis procedure are clearly addressed. The findings of the study further identify issues in terms of evidence-based treatment and multidisciplinary care for persons with dementia with BD. I think this real-world based study is impressive, and the manuscript is well-addressed and valuable to be published in the journal of BMC Neurology.

Are the methods appropriate and well described?
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Yes

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