Name of journal: World Journal of Clinical Cases

Manuscript NO: 73058

Title: The association between chronic obstructive pulmonary disease and mild cognitive impairment and dementia risk: A systematic review and meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02839880
Position: Peer Reviewer
Academic degree: PhD
Professional title: Full Professor
Reviewer’s Country/Territory: Italy
Author’s Country/Territory: China
Manuscript submission date: 2021-11-10
Reviewer chosen by: AI Technique
Reviewer accepted review: 2021-11-24 12:34
Reviewer performed review: 2021-12-02 18:32
Review time: 8 Days and 5 Hours

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<th>Y</th>
<th>Grade B: Very good</th>
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<th>Grade C: Good</th>
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<td>Conclusion</td>
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SPECIFIC COMMENTS TO AUTHORS
This is a very interesting systematic review and meta-analysis that aimed to investigate the relationship between COPD and mild cognitive impairment and dementia risk. In general, the manuscript is well written and the research field is promising. The English language is fine; please check throughout the text for spelling errors (i.e. Title page “diector”; page 23 “disase” and so on). The Figures and tables are detailed and helpful for the reader. I would only suggest to include further discussion on possible sources of heterogeneity between included studies.
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Title: The association between chronic obstructive pulmonary disease and mild cognitive impairment and dementia risk: A systematic review and meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05207387

Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Professor

Reviewer’s Country/Territory: South Korea

Author’s Country/Territory: China

Manuscript submission date: 2021-11-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-17 01:24

Reviewer performed review: 2021-12-19 10:14

Review time: 2 Days and 8 Hours

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| Re-review | [ ] Yes | [Y] No |
SPECIFIC COMMENTS TO AUTHORS
Thanks for recommending me as a reviewer. In this paper, the authors aimed to investigate the relationship between COPD and the risk of mild cognitive impairment (MCI) and dementia. If authors complete minor revisions, the quality of the study will be further improved.

1. The introduction section is well written. If the authors describe in more detail the trends of previous studies on association between chronic obstructive pulmonary disease and mild cognitive impairment and dementia risk in the introduction section, it may help readers to understand.

2. In this paper, statistical analyses were performed using Review Manager software (Version 5.3, Copenhagen: The Nordic Cochrane Centre, The Cochrane Collaboration 2014). But I know that you cannot do funnel plot analysis in Review Manager software. Have you done funnel plot analysis in this study with another program such as R?

3. In this paper, study quality was assessed independently by two separate reviewers using the Newcastle-Ottawa Scale (NOS). However, no textual results of NOS were presented in the results section. Authors should be more specific about the NOS quality assessment results.