



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 83297

Title: Left Lateral Decubitus Sleeping Position is Associated with Improved GERD Symptoms: A Systematic Review and Meta-Analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 00504187

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer’s Country/Territory: Italy

Author’s Country/Territory: Indonesia

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Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-09-06 16:01

Reviewer performed review: 2023-09-13 12:30

Review time: 6 Days and 20 Hours

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| Scientific quality | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish |
| Novelty of this manuscript | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No novelty |
| Creativity or innovation of this manuscript | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation |



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| Scientific significance of the conclusion in this manuscript | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance |
| Language quality | <input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection |
| Conclusion | <input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Peer-reviewer statements | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous |
| | Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

This systematic review and metaanalysis confirms the growing evidence that sleep position is a valuable addition to the GERD therapeutic armamentarium. Experimental and clinical studies already demonstrated that left lateral decubitus position is associated with a shorter nighttime esophageal acid exposure and faster esophageal acid clearance. There is uniform agreement about this option, recommended also by the American College of Gastroenterologists, which indeed is the conclusion of the authors. However, very likely a sleep positional therapy device will be needed, considering that recommendations to the patients to sleep on the left side may not have an effect on itself. Given that symptoms were neither sensitive nor specific for diagnosing GERD, only pH-impedance monitoring should be considered for an objective evaluation. The authors could focus the discussion more critically of these two points. Moreover, it could be interesting to suggest that the future studies should try to define which GERD phenotypes will most benefit from sleep position, The data are well analysed and reported, but really the novelty of the manuscript, considering also the small number of reports in the literature, does not seem significant.



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