

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 79762

Title: High-flow oxygen via oxygenating mouthguard in short upper gastrointestinal endoscopy: a randomised controlled trial

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05312019

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Portugal

Author's Country/Territory: Australia

Manuscript submission date: 2022-09-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-19 06:33

Reviewer performed review: 2022-09-25 14:50

Review time: 6 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This manuscript presents a randomised trial of whether the incidence of hypoxaemia in patients undergoing upper GI endoscopy receiving supplemental oxygen using an oxygenating mouthguard at 20L/min flow is inferior to standard nasal cannula at 2l/min flow. The trial is approved by ethics committees, registered in a public trial register, and performed in accordance with the principles of the Helsinki Declaration. I have some methodological comments. -Major: The lexicon for endoscopic adverse events (ASGE, 2010) defined hypoxia as SpO₂<85%. Why did you use the cut-off of 90%? The results are the same for the cut-off of 85%? I suggest an analysis using this standardised cut-off. -Minor Can you explain why did you use the rate of 20l/min by the HFMG? The sample size calculation should be better defined.

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Provenance and peer review: Invited manuscript; Externally peer reviewed

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Reviewer's code: 06382465

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Nepal

Author's Country/Territory: Australia

Manuscript submission date: 2022-09-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-04 12:43

Reviewer performed review: 2022-10-13 07:47

Review time: 8 Days and 19 Hours

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
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Well written. Please look into attached file for commnet.