

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54191

**Title:** Helmet-based noninvasive ventilation for acute exacerbation of chronic obstructive pulmonary disease: A case report

**Reviewer's code:** 02459390

**Position:** Peer Reviewer

**Academic degree:** FRCP (Hon)

**Professional title:** Doctor

**Reviewer's Country/Territory:** United Kingdom

**Author's Country/Territory:** South Korea

**Manuscript submission date:** 2020-02-08

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-10 09:19

**Reviewer performed review:** 2020-02-11 16:00

**Review time:** 1 Day and 6 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	RE-REVIEW	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept (High priority)	<input type="checkbox"/> Yes	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Accept (General priority)	<input type="checkbox"/> No	[Y] Anonymous
<input type="checkbox"/> Grade C: Good				[ ] Onymous
[Y] Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	[Y] Minor revision		Conflicts-of-Interest:
<input type="checkbox"/> Grade E: Do not publish		<input type="checkbox"/> Major revision		[Y] Yes
	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Rejection		[ ] No

## SPECIFIC COMMENTS TO AUTHORS



**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

The authors present a case where helmet NIV was used successfully as a rescue therapy in a patient in whom oronasal mask NIV had been unsuccessful. There is a suggestion that the helmet interface allowed higher pressures and longer treatment periods to be tolerated which led to survival in a patient who would otherwise been highly likely to die (as not for invasive ventilation). This is probably of some merit and worthy of publication; however I think some revision of the manuscript is required to place greater emphasis on the beneficial; characteristics of the helmet over the facemask - as in it allowed the higher pressures to be used and for longer, which probably was the difference between success and failure of NIV. At the moment I do not feel that point is made clearly enough and the message is perhaps slightly;y lost or diluted as a result

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54191

**Title:** Helmet-based noninvasive ventilation for acute exacerbation of chronic obstructive pulmonary disease: A case report

**Reviewer's code:** 02981504

**Position:** Editorial Board

**Academic degree:** MA

**Professional title:** Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** South Korea

**Manuscript submission date:** 2020-02-08

**Reviewer chosen by:** Ying Dou

**Reviewer accepted review:** 2020-02-26 11:37

**Reviewer performed review:** 2020-02-26 12:20

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	RE-REVIEW	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept (High priority)	<input type="checkbox"/> Yes	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Accept (General priority)	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input checked="" type="checkbox"/> Minor revision		<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair		<input type="checkbox"/> Major revision		Conflicts-of-Interest:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Rejection		<input type="checkbox"/> Yes
				<input checked="" type="checkbox"/> No

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It's an interesting topic! Respiratory support techniques are often the only method of respiratory failure, the patient reported in the article was lucky. For patients who fail noninvasive ventilation and refuse to accept endotracheal intubation, the helmet-based NIV can be considered a salvage therapy. But, During Helmet -based NIV, How to protect the eye of unconscious patient? Is there a difference with NIV in terms of parameter adjustment? (including flow rate and pressure)?

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