



## PEER-REVIEW REPORT

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

**Manuscript NO:** 57094

**Title:** Spontaneous pneumomediastinum in an older coronavirus disease 2019 patient: A case report

**Reviewer's code:** 02744973

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

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

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

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**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-06-17 09:39

**Reviewer performed review:** 2020-06-23 10:14

**Review time:** 6 Days

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

The present case-report showed a case of an older patient diagnosed with (COVID-19 disease) that neither got mechanical ventilation nor had chest trauma but were found to develop spontaneous pneumomediastinum for unknown reason. The manuscript is interesting and actual. However, to analyze the topic more fully, it is recommended to modify the text by following some suggestions:

- It's worth mentioning that with regard to severe acute respiratory syndrome (SARS), though the pathogen also belongs to the coronaviridae family and even shares great similarities in clinical symptoms to COVID-19, its incidence of developing SPM was significantly higher (ranging from 7% to 12%) revealed by researches set in Hong Kong [9-10], suggesting a separate pathophysiologic mechanism for pneumomediastinum induced by SARS-CoV-2 that requires further investigation. This is a very interesting point and I would suggest to comment it deeply.

Due to the growing evidence about clinical presentation of COVID 19 disease please check again database to find if someone else reported a similar case presentation and included in discussion. This would improve the strength of the manuscript.