



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Radiology*

**Manuscript NO:** 73755

**Title:** Outcome of percutaneous drainage for septic complications coexisted with COVID-19

**Provenance and peer review:** Invited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05687852

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor, Professor

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

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

**Manuscript submission date:** 2021-12-29

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-30 12:53

**Reviewer performed review:** 2022-01-08 02:08

**Review time:** 8 Days and 13 Hours

|                           |   |
|---------------------------|---|
| <b>Scientific quality</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good<br><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 Grade E: Do not publish            |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<br><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)<br><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   |



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| <b>Peer-reviewer<br/>statements</b> | Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous<br>Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No |
|-------------------------------------|---|

### **SPECIFIC COMMENTS TO AUTHORS**

This interesting study demonstrates relatively poor clinical outcomes for patients having suspected septic complications associated with COVID-19 despite technically successful tube drainage and adequate antibiotic therapy. This study emphasizes the need for a large-scale comparative study on the relationship between septic complications, COVID-19, and comorbidities that might lead to poor clinical outcomes and clarifies the necessary precautions for percutaneous drainage in such patients. Albeit, this review highlight the recent advances in COVID-19. I still have some minor suggestions. 1, All figures are highly professional, and the authors should guide the readers to the meaning of the images appropriately; otherwise, it is likely to cause misunderstandings. Therefore, I suggest that the author consider revising these figure legends again. 2, Meanwhile, it would be much better if the author can also provide a flowchart for these analyses, so that the readers can easier understand the concept for the current research (PMID: 32884218, PMID: 32435934). 3, In the introduction, the author mention about Inflammatory storms are not unique to COVID-19 but also happen in other respiratory viral infections that mimic COVID-19 including influenza, SARS, avian influenza, swine flu, and MERS. It would be very interesting to discuss the application of these technologies for other types of coronavirus, including MERS, and SARS-CoV...etc. (PMID: 27872828, PMID: 34176764, PMID: 32615317, PMID: 33918958).



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**Peer-review model:** Single blind

**Reviewer's code:** 05627135

**Position:** Peer Reviewer

**Academic degree:** PhD, RN

**Professional title:** Lecturer

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

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

**Manuscript submission date:** 2021-12-29

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-19 01:33

**Reviewer performed review:** 2022-01-29 03:07

**Review time:** 10 Days and 1 Hour

|                           |   |
|---------------------------|---|
| <b>Scientific quality</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good<br><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<br><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 checked="" type="checkbox"/> Accept (General priority)<br><input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection             |
| <b>Re-review</b>          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |



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| <b>Peer-reviewer<br/>statements</b> | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous<br>Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|-------------------------------------|---|

### **SPECIFIC COMMENTS TO AUTHORS**

This is a very timely manuscript, and the research will provide good significance for the field of septic complications coexisted with COVID-19. However, there are some grammatical problems in the article. It is suggested to polish the language and publish it.