

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

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 Grade E: Do not publish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

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
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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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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

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

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Review time: 10 Days and 1 Hour

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
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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
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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.