

Reply to reviewers

Reviewer#2

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 highlights 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.

Reply: Figures' caption edited.

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).

Reply: Study flow chart was added (figure 1).

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).

Reply: Unfortunately, there is no previous literature discussing the outcome of percutaneous drainage of septic complications.