Reviewer’s report

Title: A Rare Case of Pericarditis and Pleural Empyema Secondary to Transdiaphragmatic Extension of Pyogenic Liver abscess

Version: 0 Date: 31 Oct 2017

Reviewer: Galya Ivanova Gancheva

Reviewer's report:

1) The problem in the discussed theme is well described in Background. The authors gave arguments for the importance of pyogenic liver abscess (PLA) followed by pericarditis pleural empyema for the clinical practice.

2) The study is with good design. The aim is defined clearly - to report a case with mentioned above clinical manifestations and to review pertinent English literature on pericarditis as a complication of PLA.

3) The case is described precisely. The authors showed not only the clinical manifestations and their evolution. Paralelly, they described the management and treatment of the reported case. It is easy for the reader to imagine the described clinical "situation". There are four figures for visualization of CT scan findings and surgical operation. There is need of arrows on the figures for better understanding (if is technically possible).

4) The Discussion explains therapeutic measures and compares here presented case with other cases reported in the literature. Clinical and microbiological aspects are discussed comparatively.

5) The Conclusion is correct and obtained directly from the outcome of reported case. It is emphasized finally: "Early diagnostic evaluation, using chest CT or transthoracic echocardiography, and immediate treatment, including pericardiocentesis or pericardiotomy and abscess drainage, combined with intravenous antibiotics can lower the risk of patient death."
6) The statements about Ethical Approval, Availability of data and material, Competing Interests, Funding, Authors' Contributions and Acknowledgements are given in the structure of the paper.

7) The authors show 19 References and 47% (9/19) are from the last ten years (six - from last five years). The sources are cited correctly.

8) The Table is clear and understandable. There is need of arrows on the figures for better understanding (if is technically possible).

9) The English grammar and style are acceptable according to the requirements of scientific writing.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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