Reviewer’s report

Title: Peritonitis Secondary to Hemorrhagic Fever with Renal Syndrome: a case report in GuangZhou China

Version: 0 Date: 15 Sep 2019

Reviewer: Dong-Min Kim

Reviewer's report:

This is a case-based study in which author wants to highlight that, although it is rare but it is important to consider differential diagnosis of HFRS with peritonitis in clinical practice.

MAJOR COMMENTS:

Comment 1:
Weak evidences are provided related to diagnosis of HFRS.

Author had not mentioned any information related to isolation of HTV, rising antibody titer or PCR positivity.

Comment 2:
Author has only provided the complete blood count (cbc) and some biochemistry report. IgG and IgM titers are not mentioned.

Comment 3:
Page 2 Line 1: with the help of serum IgG and IgM antibodies HFRS had diagnosed on 5th day and definitive diagnosis had been made. So, why exploratory laparotomy was performed on day 8.

Exploratory laparotomy (day 8) found normal abdominal viscera and peritoneum, while CT scan (day 9) after laparotomy showed peritonitis. Can you justify your findings? It could be secondary to surgical interventions.
Comment 4:
Line 34: Year of history is not matching in case presentation and figure 1 and 2
i.e 2018 in case presentation, and 2019 in aforementioned figures.

Comment 5:
Discussion in insufficient to conclude the results.

MINOR COMMENTS:
Comment 1:
In background:
Consider mentioning classification of Hantaviruses according to the genus, family and order and provide detail information of species of HTV.

Comment 2:
Tabular comparison of laboratory investigation is recommended.

Comment 3:
Grammatical Errors:
Label figures as 1(A) and 1(B) instead of left side image and right side image.
Line 34: write "chills" instead of "shivers"
Line 37: "rats ran amunk" needs spelling correction.
Line 40: "Mcbumey" spelling correction.
Line 42: Kindly write units with neutrophils value
Line 49: Minor thickening "of" perirenal fascia.
Line 16: Symdrom "in"
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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

Unable to assess

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

No

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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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