Reviewer's report

Title: Ovarian abscess caused by Salmonella enterica serovar Typhi: a case report

Version: 0 Date: 25 Apr 2019

Reviewer: Nipun de Silva

Reviewer's report:

1. Do you believe the case report is authentic?
   Yes

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.
   Comments: No

3. Does the Introduction explain the relevance of the case to the medical literature?
   Yes

4. Does the article report the following information? Where information is missing, please specify.
   a. The relevant patient information, including:
      - De-identified demographic information (age, gender, ethnicity)
      - Main symptoms of the patient
      - Medical, family and psychosocial history
      - Relevant past interventions and their outcomes
   Ethnicity is not mentioned

   b. The relevant physical examination findings: Yes
c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at $T = 0$, follow up at $T = 1$ month.

Yes

d. Diagnostic assessments, including:

- Diagnostic methods
- Challenges (e.g., financial, language/cultural)
- Reasoning and prognostic characteristics (e.g., staging), where applicable

Patient is having anaemia. If at least MCV is given or authors describe the cause (Ex- pre-existing IDA) it would be useful

e. Types and mechanism of intervention: Yes

f. A summary of the clinical course of all follow-up visits: Yes

Comments:

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?

Comments: Discussion should be organised and clear. In lines 142-144 authors mention possibility of the ovarian infection coming from local site and then haematogenous spread. In the next paragraph they describe about risk factors and outcome of salmonella infection in ovary. Next paragraph is again about possible route in the patient and gives priority to haematogenous spread without much grounds. Therefore discussion needs to be re-written.

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

Yes
7. Is the Abstract representative of the case presented?

Comments: Yes

8. Does the case represent a useful contribution to the medical literature?

Comments: Yes

9. Additional comments for the author(s)?

If the photographs taken during laparotomy or ovarian sample added that would have provided extra value to the paper

**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Acceptable
Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

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If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

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Were you mentored through this peer review?

No