Reviewer's report

Title: Sarcina ventriculi in blood: the first documented report since 1872

Version: 4 Date: 30 January 2013

Reviewer: Dora Lam-Himlin

Reviewer's report:

The authors report a very compelling case of culture-proven Sarcina septicemia. This is a particularly interesting report, since Sarcina organisms have not been reported in the blood in the recent literature, but have been associated with significant gastrointestinal symptoms and disease.

Thank you for taking the time to address the previous comments. The current version addresses my previous concerns, and this article provides an interesting addition to the story of Sarcina.

Minor Essential Revisions:

Minor issues not for publication

Manuscript first paragraph should read: "sufficient aseptic precautions from the carotid"

Same paragraph should read..."which were then sealed into flasks"

Same paragraph should read ..."He wrote that the blood of frogs and humans, as well as the blood of patients in the peak of enteric fever, produced particles of the size and characteristics of Sarcina ventriculi, and that no other organisms of putrefactive changes were observed."

Same paragraph, second to last sentence should read: "may be associated with sarcinous vomiting"

Manuscript 4th paragraph, second sentence should read: "sodium and potassium chloride" (no "s")

Manuscript 4th paragraph, mid portion should read: "values returned to normal (126-72 micromol/l and 592-17 U/l, respectively)" Please also verify the value of 592-17 -this doesn't make sense to me?

Next sentence: "bilirubine" change to "bilirubin"

Same paragraph, further down should read "gram-positive anaerobic coccae were recovered" instead of "have been"

Manuscript 6th paragraph, first sentence should read: "textbooks with the exception"

Next sentence should read: "The influence of diet on the colonization human intestines by Sarcina was investigated, and it was found that viable Sarcina were detected in more than 50% of vegetarians, whereas the bacteria were not found in those with mixed diets [5]."
Next sentence should read: "endoscopic biopsies was presented"
Next sentence should read: "can cause disease in humans or whether it is a bystander with the stomach as their natural habitat"
Manuscript 7th paragraph: "Since those days" change to "Since that time"
Same paragraph should read: "same microorganisms as our colleagues a decade ago"
Same paragraph should read: "occasional leak of intestinal microbiota such as Sarcina"
Same paragraph should read: "previously reported emphysematous gastritis and sarcinious vomiting. This"
Please take a moment to review the above minor edits for grammar and stylistic points.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**
I declare that I have no competing interests.