Reviewer’s report

Title: Streptococcus agalactiae infective endocarditis complicated by multiple mycotic hepatic aneurysms and massive splenic infarction: a case report

Version: 0  Date: 04 Sep 2017

Reviewer: Amine Benmassaoud

Reviewer’s report:

Review:

Dr. Achilli et al. describe in this case report an interesting and unique complication of invasive Streptococcus Agalactiae (GBS) in a healthy man who presented with massive splenic infarct and right hepatic artery mycotic aneurysms.

The authors present adequately the evolution of the case, including its presentation, initial diagnosis, management, and hospital course. They also elaborate at length on certain aspects of invasive GBS disease including a review of infective endocarditis, splenic infarction, and mycotic aneurysms.

Some aspects of the manuscript deserve more attention, including the following:

Please condense the case presentation and the discussion. For the discussion, I would suggest focusing on the presentation, differential diagnosis, and management of hepatic artery mycotic aneurysms. The management of infective endocarditis is not novel, and is extensively published.

Please change the abbreviation for Streptococcus Agalactiae to GBS, for Group B Streptococcus. The abbreviation SA refers more commonly to Staphylococcus Aureus.

Please revise the use of the word "extended" in line 83. Did you mean "extensive"?

Please revise the sentence formulation throughout the manuscript, but especially in the discussion (eg. Line133, 135 etc…).

Please revise the liver segment denomination throughout the manuscript (eg. In Line 117, it should read "segment VIII" and not "VIII segment").

Please revise the use of abbreviations throughout the manuscript (eg. Line 138).

Please use the same abbreviations consistently (eg. "day" compared to "die" in Line80 and 90).

Please revise the use of punctuation throughout the manuscript.

Thank you for the opportunity to review this very interesting case report.
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.

Yes

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.

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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