Reviewer’s report

Title: Hepatic paragonimiasis in a 15-month-old girl: a case report

Version: 1 Date: 09 May 2017

Reviewer: Ricardo Oliveira

Reviewer’s report:

This is an original and relevant case report that calls attention to an atypical manifestation of the disease in a 15-month old girl. Although the text is well written and with an appropriate language style, the author might provide more information in order to improve the quality of the manuscript, as follows:

* Please describe at the 'Case Presentation' section all other laboratory tests and the methods that were performed for the proper diagnosis.

* As paragonimiasis is typically a parasite of the lung, it should be reported whether any diagnostic procedure has been performed in the lung.

* Although the parasitological diagnosis (in the faeces or sputum) presents low sensitivity, it must be performed, and the results, as well as the methodological details, must be informed.

* Pg 4, ln 5: it is reported that Sichuan is endemic for paragonimiasis. Which other helminth infection have epidemiological relevance in this province? Is it important to perform a differential diagnosis to any of them? Are Schistosomiasis or Fascioliasis an issue?

* Pg 4, ln 8: please provide more methodological information regarding the ELISA performed for the serological diagnosis of paragonimiasis.

* What is the sensitivity and specificity of the ELISA?

* Is Paragonimus westermani the main specie found in Sichuan province?

* Pg 4, ln 12-16: please replace the reference with a more up-to-date one.

* Pg 5, ln 28 and pg 6, ln 1: considering that no parasitological confirmation was obtained and that ELISA was the only positive test observed in the reported case, it is not possible to conclude that ELISA is an adequate confirmatory method for HP. What would be the gold standard method?

* Figure 2: Apparently the image shown in figure 2 is not very well stained, and does not allow the discrimination between eosinophils and other leukocytes. I would suggest the authors to perform the Chromotrope 2R staining in order to allow a better identification of eosinophils. Moreover, the image does not seem to be the most representative image of the specimen.
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.

No

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:

Acceptable

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