Reviewer’s report

Title: Impact of early detection of acute invasive fungal rhinosinusitis in immunocompromised patients

Version: 4 Date: 01 Feb 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses a testable research question(s) (brief or other article types: is there a clear objective)?
Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?
Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with technical rigor to allow confidence in the results?
No - there are minor issues

Statistics - Is the use of statistics in the manuscript appropriate?
Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?
Yes - the author's interpretation is reasonable

OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?
Probably - with minor revisions

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: This study elucidates a lot of what is already known about this disease and its work up and treatment, but it addresses the issue in a comprehensive and systematic way.

REQUESTED REVISIONS:
The interpretations are reasonable and useful, but from a scientific perspective, it would be useful if they included in the discussion how their algorithm led to more favorable results than
their previous experience with a less differentiated decision-making process. In other words, what were the quantitative improvements in mortality or disease-free status?

**ADDITIONAL REQUESTS/SUGGESTIONS:**

The manuscript highlights that a high index of suspicion is necessary and should precipitate aggressive pursuit of the diagnosis, even when other objective data such as the CAT scan are fairly unremarkable. Although this is already somewhat known, it is useful to stress this in the setting of a respective review of a series of patients with this complicated morbid disorder.

Note: This reviewer report can be downloaded - see attached pdf file.

**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.

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.

I am able to assess the statistics

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

Acceptable
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