Reviewer’s report

Title: Magnetic Resonance Imaging Findings of Idiopathic Granulomatous Mastitis: Can it be an Indirect Sign of Treatment Success or Fail?

Version: 1 Date: 15 Aug 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 major 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?

No - there are minor issues
OVERALL MANUSCRIPT POTENTIAL - Is the current version of this work technically sound? If not, can revisions be made to make the work technically sound?

Maybe - with major revisions

PEER REVIEWER COMMENTS:

GENERAL COMMENTS:

REQUESTED REVISIONS:

The authors should define what was the definition of treatment success in the study. Treatment success should include only response to clinical therapy and drainage. Surgery should be considered as treatment failure. New statistics should be performed based on that. / When was the MRI performed, before any treatment or after initial treatment? / The authors state that "the presence of radiologically and clinically complete resolution of the MRI findings was accepted as treatment success". Was MRI performed after treatment in all patients? / It is not clear if the fistula formation was evaluated on MRI or if it was identified on clinical follow-up. / Was there any relation between the lesion location and presence of fistula? / The authors cite in the discussion that "only one patient was managed with steroid therapy". Which was the medical treatment of the other patients? / Were multifocality and multicentricity evaluated on MRI? Does it correlate with treatment response?

ADDITIONAL REQUESTS/SUGGESTIONS:

Language review is necessary.

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.

I am able to assess the statistics

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

Needs some language corrections before being published

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

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