Reviewer’s report

Title: Takayasu arteritis with pyoderma gangrenosum: case reports and literature review

Version: 1 Date: 24 Apr 2019

Reviewer: A. W. Silva de Souza

Reviewer's report:

This manuscript illustrates two patients with pyoderma gangrenosum who developed TAK afterwards and reviews the literature about this issue.

It is an important manuscript to remind physicians about this rare cutaneous complication of TAK. I have a few suggestions for the manuscript:

In the conclusions of the abstract, it is not possible to recommend considering TAK in young females with pyoderma gangrenosum. This association is very rare and the vast majority of patients with pyoderma gangrenosum do not develop TAK. Please change both conclusions in the abstract and at the end of the manuscript.

Background (page 4, line 86) please change "clinical manifestations of PG" to "pathology features of PG"

Case 2 (Page 8 line 165) - The sentence "According to the ACR criteria, the vasculitis in this woman was classified as type V TA" is wrong. ACR classification criteria for TA does not approach the angiographic classification. Thus, even if the patient was classified as TA according to the ACR classification criteria, she presented type V according to Numano and Hata angiographic classification of TA.

Are the methods appropriate and well described? If not, please specify what is required in your comments to the authors.

Unable to assess

Does the work include the necessary controls? If not, please specify which controls are required in your comments to the authors.

Unable to assess

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:

Needs some language corrections before being published

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