

Reviewer 1

Thank you for the positive comments. We are addressing the questions with following.

1. INTRODUCTION - among severe clinical expressions of JDM, the authors should also include MAS, which can happen in this clinical context too (as recently reviewed in: Macrophage activation syndrome in juvenile dermatomyositis: a systematic review. *Rheumatol Int.* 2020 May;40(5):695-702. doi: 10.1007/s00296-019-04442-1). - the authors should mention the current diagnostic criteria for JDM

A: Thank you for your suggestion. We have added the content of MAS to the introduction.

2. CASE PRESENTATION - I would suggest reorganizing this section with a more narrative, but clear, style, rather than creating subtitles with very short sentences.

A: This part is in accordance with the format requirements of the journal, and we have also partially revised the content.

3. History of present and past illness should be more detailed. What about systemic symptoms? Anyway, the authors should specify that some key clinical manifestations were not present. Similarly, they should do in the family history for autoimmune or other diseases, and they should report about other relatives, not only parents.

A: Thank you for your suggestion. We have perfected the content.

4. Physical examinations should be complete with both positive and negative findings, some of which can be relevant. - A table with all laboratory analyses, including all immunological and autoimmunity parameters are needed.

A: We have supplemented the negative signs of the physical examination and added a table of laboratory examinations.

5. Imaging should be provided with some figures. - to support the final diagnosis, the authors should clearly list and comment all the diagnostic criteria that this clinical case fulfilled.

A: We are very sorry that we cannot provide pictures of the imaging. We have included in the revised manuscript the diagnostic criteria that this case met.

6. Did the authors do skin and muscle biopsy? If yes, please, describe it and add related figures about histopathology. If not, why?

A: Because of the invasiveness of the biopsy, we did not use it at the time of diagnosis, and replaced it with MRI.

## 6. DISCUSSION and CONCLUSION

A: Thank you very much for your suggestions for revisions. We have revised the discussion and conclusion sections.

## 7. REFERENCES

A: We have updated this part.

8. FIGURES-add tables with complete laboratory assessment - add figures with imaging and histopathology, if available. - considering the follow-up of this patient, an additional figure showing longitudinally the main laboratory aspect could be interesting.

A: According to your suggestion, we have added tables with complete laboratory assessment.

Reviewer 2

Thank you for the positive comments. We are addressing the questions with following.

1. Since characteristic skin lesions are included in the diagnostic criteria of dermatomyositis, the authors should show the photographs of heliotrope rash and/or Gottron papules from this JDM patient.

A: We are very sorry that we don't have such a picture of this patient

2. The authors should delete the description of irrelevant laboratory examinations in this JDM patient like ferritin levels and lymphocyte subclasses.

A: Thanks for your suggestion. We removed irrelevant laboratory examinations.