

Responses to each of the issues raised in the peer review report:

1. Authors should revise the manuscript regarding grammatical English. There are errors in lower and upper case letters. "we report a case of a girl with SLE"

Author response: We have finished as required and invited the MedE Editing Company to help us modify grammatical English.

2. The authors should answer the following questions in the introduction, "Why should this case be published?" "Is there something unique in this case?" "How many other cases do we have in the literature with a similar presentation?"

Author response: We have already finished Introduction on the lines 4-7, paragraph 6, page 2, and Table1.

3. Please provide more information on the patient's clinical symptoms and history before the presentation. What were the medications that the patient was in use? Was there anything remarkable in the patient's medical history? Was any exceptional childhood infection?

Author response: (1) We have already finished *History of present and past illness* on the lines 1-11, paragraph 3, page 3. (2) One week previously, facial erythema accompanied by gaze was observed. (3) Respiratory virus, Mycoplasma infection, and procalcitonin results were negative. There was no any exceptional childhood infection.

4. The final diagnosis should not only be chorea. The inclusion of the cause of chorea should be described.

Author response: We have finished as required on the lines 1-3, paragraph 2, page 5.

5. What are the explanations for the development of vasculitis in cases of SLE? It is advised to be specific.

Author response: We have finished on the lines 4-9, paragraph 1, page 6.

6. Could the authors provide a table with other cases with similar presentations from the literature? Or could they provide a table with the

prevalence of chorea found in the studies?

Author response: We have provided Table 1 as required.

7. New idea to describe in the discussion. Among the rheumatologic disorders, what makes SLE unique regarding the development of chorea?

Author response: We have finished Discussion on the lines 3-6, paragraph 5, page 5 and lines 4-9, paragraph 1, page 6.