

**Manuscript NO: 78564**

**Title: Novel hydroxymethylbilane synthase gene splicing mutation identified and confirmed in a woman with acute intermittent porphyria: A case report**

### Point-by-Point Response

Thank you for your comments on our manuscript. The main corrections and point-by-point responses to the reviewer's comments are provided below. Please note that the changes made do not influence the content, conclusions, or framework of the paper. We have not listed below all minor changes made; however, these are highlighted in red font in the revised manuscript.

1. there is no need to cite figures in the abstract

**Response:** We have cited the figures only in the Main Text.

2. It is not very clear if the patient was pregnant again on this admission, At one point the authors have mentioned spontaneous abortion but no details of pregnancy.

**Response:** Her last menstrual period was 45 days prior to the first admission in March 2018 and a pregnancy test confirmed her pregnancy of which she was unaware. Three days after hospitalization, she experienced spontaneous vaginal bleeding, which was confirmed to be a spontaneous abortion. In September 2018, the patient had an unplanned pregnancy. Considering her illness and at her request, we performed an abortion on the patient. We have provided a chart with a timeline to enhance clarity..

3. following patient's history is hard. can the Authors provide a sort of timeline in a chart?

**Response:** Accordingly, we have provided a timeline.

4. In physical examination, please provide the scale used to assess muscle strenght.

**Response:** The Medical Research Council (MRC) Scale for Muscle Strength is described in Table 1.