

## Response Letter

### Reviewer #1:

*1. I appreciate the opportunity to review this article Comments: 1. The authors have original content by showing a de novo brain AVM with high quality images and well documented case report. 2. The manuscript contribute to other previously published material and its written according to the journal rules. The discussion is a little bit redundant at some points (I suggest to not reapeat the months of the age, because its distractive and makes the reading hard to follow), there are also some grammar and punctuation flaws that can be fixed. 3. The strength of this paper is the long follow-up and well documented case report (since childhood), and with genetic testing; the author's findings could alert some ER and pedaitrics staff to give a closer follow-up to this kind of cases even though they can appear normal at the inical presentation*

**R:** Thank you for your comment and your valuable suggestions. These sentences have been revised based on your suggestion.

### Reviewer #2:

*For the credibility of the journal, and to give the literature real, solid and important results that will help in the future of the field, we will need to make sure about the information that you are providing. More of radiological illustrations from 2011 when it was negative for AVM. I suggest you provide the journal with the radiological files\*\* the old (without AVM) and the new (with AVM)\*\* to check if there was no any missing out of the AVM at the first onset of the symptoms from the first episode in 2011.*

**R:** Thank you for the valuable suggestions. More MRI images including the possible AVM area from 2011 have been added in the revised manuscript.

### Science editor:

*1.Please provide additional radiographic illustrations from 2011, when AVM was negative.*

**R:** Thank you for the important comment on this point. More MRI images including the possible AVM area from 2011 have been added in the revised manuscript.

*2. It is recommended to cite more previously published articles as references.*

**R:** Thank you for pointing this out. More references have been cited in the revised manuscript.

### Company editor-in-chief:

**R:** Thank you for your comment. We have revised the manuscript as per your suggestion.