**Reviewer’s report**

**Title:** Clinical exome sequencing identifies two novel mutations of the SCN1A and SCN2A genes in Moroccan patients with epilepsy

**Version:** 0  **Date:** 26 Jun 2019

**Reviewer:** Adriano Alberti

**Reviewer's report:**

1. Do you believe the case report is authentic?
   Yes.

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.

   Comments: The authors describe obtaining appropriate informed consent.

3. Does the Introduction explain the relevance of the case to the medical literature?
   Yes.

4. Does the article report the following information? Where information is missing, please specify.

   a. The relevant patient information, including:
      - De-identified demographic information (age, gender, ethnicity)
      - Main symptoms of the patient
      - Medical, family and psychosocial history
      - Relevant past interventions and their outcomes
   
   b. The relevant physical examination findings
c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at T = 0, follow up at T = 1 month.

d. Diagnostic assessments, including:

- Diagnostic methods

- Challenges (e.g., financial, language/cultural)

- Reasoning and prognostic characteristics (e.g., staging), where applicable

e. Types and mechanism of intervention

f. A summary of the clinical course of all follow-up visits

Comments: Yes, this is adequately presented.

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?

Comments: Yes.

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

Yes.

7. Is the Abstract representative of the case presented?

Comments: Yes.

8. Does the case represent a useful contribution to the medical literature?

Comments: Yes.

9. Additional comments for the author(s)?
Comments: Thanks for the opportunity to review this article, it can be improved to a possible publication, modifying the following points:

Insert citation in the following sentence "Epilepsy can be isolated or a clinical feature of a syndrome with additional signs".

The paragraph two in the discussion this very extensive, divide in two paragraphs for a better reading.

Explore further the discussion with the results obtained in the study.

Review the word "clonic"

In the sentence: three years old girl is 3 years old girl.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

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6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.
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Were you mentored through this peer review?

No