

Answering Editorial Office's Comments

(1) *Science editor:* Please provide the informed consent of surgical treatment.

(2) *Editorial office director:*

(3) *Company editor-in-chief:* I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. **The title of the manuscript is too long and must be shortened to meet the requirement of the journal (Title: The title should be no more than 18 words).**

1. We provided the informed consent of lumbar puncture. (Written in Chinese)

2. The title of our case report modified as GAD65-Positive Autoimmune Encephalitis Presented with Gelastic Seizure, Responsive to Steroid : A Case Report (14 words)

Answering Reviewers

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The case is interesting and can add to the existing in the literature. However, there are many issues that have to be addressed:

1. The format of the paper does not correspond to the established by the journal.

Thanks for reminding, we corrected the format in the revision.

2. The introduction is relatively small. It should be extended.

We extended the introduction(Page.2), to further elaborate the diversity of anti-GAD65 antibody related neurologic syndromes, including stiff-person syndrome, cerebellar ataxia, autoimmune encephalitis and other rare manifestations.

3. Please, extend the discussion with the explanation for the possible mechanisms of antibodies regarding the neurological manifestations

We discussed and supplemented the possible mechanism about how anti-GAD65 antibody might lead to neurologic syndromes.(Page.7) The underlying mechanisms have not been fully understood. Hypothesis is that because of highly expressed GAD in central nervous system, inhibition of it will decrease GABAergic transmission, therefore results in hyperexcitability of nervous system.

4. The supplementary figure caption is written in Chinese

The caption of supplementary figure was modified and demonstrated by English as suggested.

Answering Reviewers

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The authors reported the case with GAD65-positive autoimmune encephalitis presented with gelastic seizure. This case report seems to be interesting. As a reviewer, I have several requests and questions.

#1 This submitted manuscript was the corrected manuscript by a native checker. The authors should be very careful to submit the final version of their manuscript.

Sincerely thanks for reminding. We checked the manuscripts again in detail.

#2 The authors reported some situations of occurrence of gelastic seizure such as smiling, head turning or eye staring. Are these features due to GAD65-positive autoimmune encephalitis? The authors had better comment on this.

GAD65-positive autoimmune encephalitis were reported to have many neurologic manifestations, epilepsy is one of them. However, no previous study ever reported to present with gelastic seizure. In our case, because we cannot find better explanation of her symptoms and her seizure had good response to steroid. We believe that the seizure attack is relate to GAD65-positive autoimmune encephalitis. We added this statement to the article(Page.6)

#3 The patient had chronic kidney disease (CKD) and was the presence of CKD related to the positive GAD65 antibody?

Previous studies let us know that there is strong relationship between CKD and type I diabetes, and between GAD65 antibody and type I diabetes. However, there was no report that mentioned the direct relationship between CKD and GAD65 antibody. This is a question worth further investigation. We added the discussion to the article(Page.7)

#4 In the "References", the numbering of references was insufficient.

After revising, the numbering of references extends from 10 to 20.

Answering Reviewers

Reviewer #3:

Scientific Quality: Grade C (Good)

Language Quality: Grade C (A great deal of language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The authors report an uncommon manifestation of autoimmune encephalitis, raising awareness of an often underdiagnosed illness. Both the introduction and discussion are informative, and results of magnetic resonance imaging and electroencephalogram are presented by the authors, increasing the scientific value of the manuscript. **Writing on the english language needs revision and corrections however.**

Thanks for the comment. We'll have a Native Speaker to correct our manuscript.