

Answering Reviewers

To: World Journal of Clinical Cases editor

Subject: Revised manuscript NO.: 59438

Dear editor,

Thank you very much for your supervision of the reviewing process of the manuscript “ One Case of Apert Syndrome Diagnosed by Prenatal Ultrasound Combined with Magnetic Resonance Image and Whole Exome Sequencing”. We also highly appreciate the review’s carefulness, conscientiousness and broad knowledge on the relevant research fields, since he/she has really provided beneficial and thoughtful suggestions. Based on the comments we received, we revised the manuscript, standardized our interpretations and gave an important clarification for the review’s question. In the following we answer the questions raised by the reviewer.

Response for reviewer

1 *Keywords: Apert syndrome, Craniosynostosis, Syndactyly, Prenatal ultrasound, Magnetic resonance image, Whole-exome sequencing The words: Craniosynostosis and Syndactyly do not appear in the abstract and should not be used as key-words.*

Answer:

Thanks very much for this suggestion. The keywords have been modified as required and changed to Apert syndrome, Prenatal ultrasound, Magnetic resonance image, Whole exome sequencing, FGFR2 and Case report.

2 *Introduction Older paternal age is considered to be a high-risk.*

Answer:

Thanks very much for this suggestion. *We have modified the introduction section.*

3 *The patient received ultrasound-guided umbilical vein puncture plus amniotic rivanol cavity The authors must add the name of drug, nethacridine monolactate monohydrate (rivanol) - manufacturer, country of origin 3.5ml umbilical blood was successfully extracted during the operation Do not start the phrase with numbers.*

Answer :

We are very grateful for pointing out the shortcomings of the article. The changes have been made in the article. We have added the name of drug, manufacturer, country (6,9-diamino-2-ethoxylacridine lactate hydrate --Guangxi Hefeng Pharmaceutical Co. LTD, China) in the article.

4 *Schematic diagram of Sanger sequencing verification results of the tested subjects and their parents with FGFR2 gene variation The authors should indicate the laboratory where the whole exome was performed.*

Answer :

Thank you for reminding us. The laboratory for WES testing has been labeled in the article:

Hangzhou Jinnuo Medical Laboratory.

5 *Discussion AS is one of the most common severe cranial maxillofacial deformity syndromes. It is first reported by French pediatrician Apert in 1906 This information was previously cited and must be deleted. Is characterized by craniofacial deformity and syndactyly, and is often accompanied by varying degrees of mental retardation and other abnormalities [].*

Answer :

Thank you again for reminding us. The words "It is first reported by French, mediterrant in 1906" have been deleted in the article.

6 *Premature coronal suture closure, acrocephalic head, prominent forehead, abnormal development in the middle of the face, the collapse of nasal root, and syndactyly were found in our case, which was consistent with previous reports. Please, give one or more references for the citation. Older paternal age is considered to be a high-risk factor for AS [].*

Answer :

Thanks very much for this suggestion. We have already annotated the references in this section.

7 *The language of this manuscript must be edited. Please check your manuscript carefully and throughout. There are dozens of grammar mistakes.*

Thank you very much for pointing out the deficiency in our language. In order to make the paper more suitable for publication, we submitted the paper to a professional language modification agency and obtained a editorial certificate (Ref.YTNVME-MS2020112615R).

8 *It is speculated that missed diagnosis may be related to the low incidence, insufficient diagnosis experience, and cognition of the disease. In addition, due to the close proximity between fingers and toes of the fetus in utero and low mobility, ultrasound is not easy to observe, which may also cause some missed diagnosis. Ultrasound is the preferred method of prenatal screening, but it is affected by fetal position and resolution of the instrument. Fetal MRI can be used to scan various sections with high soft-tissue resolution. It has little influence on the technical level of operator's instrument The paragraph is lacking in references.*

Answer :

Thanks very much for this suggestion. we have added references in this section under your guidance.

9 *References The references must follow the instructions of the authors. They are out of the standard format of World Journal of Case Report.*

Answer :

We are so sorry that we did not edit the references as required before. We have carefully reviewed the reference format requirements and made modifications as required.

Response for editor

1 *I found no "Author contribution" section. Please provide the author contributions.*

Answer :

Thank you very much for your advice. We have filled in the author contribution section in the system.

2 *I found the authors did not provide the original figures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor.*

Answer :

Thanks very much for this suggestion. We have edited the pictures with PPT and uploaded them in the system. We also make sure that all graphs or arrows or text portions can be reprocessed.

3 *I found the authors did not add the PMID and DOI in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout.*

Answer :

Thank you for your reminding. We have carefully reviewed the reference format requirements and made modifications as required. We have added the PMID and DOI in the reference list and list all authors of the references.

4 *The author should number the references in Arabic numerals according to the citation order in the text. The reference numbers will be superscripted in square brackets at the end of the sentence with the citation content or after the cited author's name, with no spaces.*

Answer :

Thank you for your reminding. We have modified the reference as required.

Thank you and the reviewer again for the work you have done for us. We hope that the revisions have addressed all of the concerns and the revised manuscript is now suitable for publication in World Journal of Clinical Cases.

Yours Sincerely,

Lei Chen and Feixiang Huang