

Dear Editor Ying Dou:

We are very glad to hear from *World Journal of Clinical Cases* that a revision of our manuscript is warranted. We revised the manuscript according to the constructive suggestions of both the reviewers and editor, and provided a list of the responses we made for all the comments which located in the following sections. The changes we made are highlighted in the clear version of our manuscript and the revised manuscript was conformed to the journal style. We hope that the responses can fulfill the requests and our manuscript will soon be accepted and published by *World Journal of Clinical Cases*.

Best wishes,

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Editor comments to the Author

1. Audio core tip: In order to attract readers to read your full-text article, we request that the author make an audio file describing your final core tip, it is necessary for final acceptance. Please refer to Instruction to authors on our website or attached Format for detailed information. The accepted formats are mp3 or wma. Please provide the decomposable figure of Figures, whose parts are movable and editable. So you can put the original pictures in PPT and submit it in the system. Your manuscript should be prepared with Word-processing Software, using 12 pt Book Antiqua font and 1.5 line spacing with ample margins. Please revise and perfect your manuscript according to peer-reviewers' comments. Please upload the required files on the system.

Response: We provided all the files above as attachments in the submission system and the format of our manuscript was also checked.

2. Our policy for the Case Report manuscript requires the title to include the disease name, the number of cases, and the phrase "literature review". In addition, the description of the paper as a literature review must be supported by the manuscript's content. Please update the reference list and add references with

accompanying textual content that will strengthen the manuscript as a literature review of the appropriate and up-to-date case-related information. Please note that if authors only add the words "literature review" to the title, but do not revise the textual content of the manuscript to provide a literature review, the manuscript will be rejected.

Response: We added the "literature review" into the title and also added/modified two paragraphs about the human corneal endothelial cells and use of ascorbic acid currently. The new information is now available at line 24 and 253-280.

3. You need to provide the grant application form(s) or certificate of funding agency for every grant, or we will delete the part of "Supported by...". A copy

Response: The grant application form was provided, one of this form was provided as supplement files.

4. We require only one corresponding author

Response: The corresponding author of our manuscript is Hung-Chi Chen, Chao-Min Cheng was deleted from the corresponding author.

5. Please provide all authors abbreviation names and manuscript title here

Response: All the authors abbreviation names and manuscript title were added at line 121-124.

6. Please don't include abbreviations in the title of the figure/table. Please explain all the abbreviations in the figure/table legends: full name (abbreviation). Please explain all the abbreviations of each figure/table under each piece of figure/table legends.

Response: We did not include abbreviations in the title of both the figure and table. And the abbreviations in table 1 were explained according to the form you provide which is now available at line 484-485.

7. Please provide the decomposable figure of Figures, whose parts are movable and editable. So you can put the original pictures in PPT and submit it in the system.

Response: A PPT file of our figures is provided, please see the attached file.

Review Comments to the Author

Reviewer #1: The basic principle and purpose of the current study are not well

described in the introduction.

Response: We added/expanded two sections to describe the rationale to apply ascorbic acid to prevent human corneal endothelial cell loss in our patient, which is now available at line 145-164.

Reviewer #2: The authors reported two cases, in which perioperative topical ascorbic acid for the prevention of phacoemulsification-related corneal endothelial damage. This case report seems to be interesting. As a reviewer, I have one question and one request.

1. The authors administered ascorbic acid with four times/day for one month in both cases. The authors should show how to determine the dose and duration of therapy with ascorbic acid.

Response: Thanks for the constructive suggestion. We added a new paragraph to explain the reason we use ascorbic acid with that frequency and concentration which is now available at line 280-290.

2. In Table 1, the number of patients, shown by the authors, was only two. Therefore, such data can not be expressed by mean \pm standard deviation. The authors should revise the expression of data in Table 1.

Response: We modified the expression of our data. Now data of the two patients were presented as only mean values at Table 1.