#### Dear Reviewers,

Thank you very much for your time involved in reviewing the manuscript and your very encouraging comments on the merits.

### Comments:

"In this case report, the authors describe a unique case of intracranial large artery embolism triggered by a neck massager device. The report is scientific, unique and reasonably well written.

We also appreciate your clear and detailed feedback and hope that the explanation has fully addressed all of your concerns. In the remainder of this letter, we discuss each of your comments individually along with our corresponding responses.

To facilitate this discussion, we first retype your comments in italic font and then present our responses to the comments.

### Comment 1:

Language needs significant editing. Syntax errors and typos occur frequently throughout the manuscript. Please revise. e.g. Review of the history 4 months prior, the patient started to use.... The number at the beginning of the sentence should be written in English. e.g. At the same time, we further ruled out other aetiologies, such as cardiogenic, immune, infectious and haematological diseases. ... "and" needs to be preceded by a comma.

# Response 1:

Thank you for the detailed review. We have carefully and thoroughly proofread the manuscript to correct all the grammar and typos.

#### Comment 2:

The pixel density in Figures E and F is low. Could you please provide clearer original photographs?

# Response 2:

We have added the original picture in the paper, and attached the ppt presentation.

# Comment 3:

The pictures are not arranged neatly enough. Please modify them strictly according to the format of World Journal of Clinical Cases.

Response 3:

We rearranged the pictures according to the format of World Journal of Clinical Cases.

# Comment 4:

*Please adjust the size of the white arrows in pictures A, C, D, and I to the same size.* Response 4:

We have adjusted the white arrows in the diagram to the same size.

# Comment 5:

*Title The current title may be restructured with the "case report" coming towards the end of the title.* 

Response 5:

The title has been corrected to read: Intracranial large artery embolism caused by carotid thrombosis formed by a neck massager:Case report

### Comment 6:

Introduction. This section is ok. Please include a statement related to what does this case report add to existing literature.

Response 6:

We have added a core tips to related to what does this case report add to existing literature.

### Comment 7:

Clinician assessed outcomes are described in the document. I didn't see any patient reported outcomes. Please add these if available.

Response 7:

This paper mainly discusses carotid thrombosis. We conducted carotid ultrasound,

CTA, and High-resolution enhanced MR, which are shown in the paper.

# Comment 8:

It is not clear whether there were any adverse events or unanticipated events. Please add some information related to the same.

Response 8:

No exacerbation of symptoms or complications occurred, and no adverse events occurred. We have added in the article.

# Comment 9:

The discussion section is appropriate with sufficient quoting of relevant references. The scientific rationale of the clinical diagnosis is established via proper discussion. Response 9:

During the discussion, we traced the patient's past history based on the imaging results, speculated the mechanism of thrombosis caused by neck massage, and established the basis for clinical diagnosis.

# Comment 10:

I didn't see any statements related to the strengths and weaknesses of this case report. Please add both in the revision.

Response 10:

We have added statements related to the strengths and weaknesses of this case report in the discussion.

### Comment 11:

The patient perspective is not clearly presented in the document. Please add a para or two dedicated for this section. If not available, justify why it was not taken. Response 11:

The patient's views are supplemented in the "OUTCOME" section

Comment 12:

It is not clear how ethical clearance was obtained for this case report. Please provide details of the same. Response 12:

We have added ethical clearance in the attachment.

Comment 13:

The details of informed consent taken from the patient is missing. Was it taken? If so, provide details.

Response 13:

The patient's informed consent was obtained and the husband signed the 72-hour transcript of the conversation, which is shown in the attachment.

Comment 14:

Was permission taken and documented to share clinical reports and investigation related clinical images? If so, add information related to the same. Response 14:

We got ethical approval and uploaded the attachment.

Comment 15:

The language of the current version is not suitable for publication and requires thorough editing. Please revise the document to address this issue. The quality of the English language of the manuscript does not meet the requirements of the journal. Before final acceptance, the author(s) must provide the English Language Certificate issued by a professional English language editing company.

Response 15:

We have already found suitable translation company through https://www.wjgnet.com/bpg/gerinfo/240. And the language and grammar in the article

were re-polished.

#### Comment 16:

Uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".

Response 16:

We have uniformly identified the figure captiom according to the figure requirement.

#### Comment 17:

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.

Response 17:

All the pictures in this article are original. The PowerPoint of the picture we uploaded in the attachment. We have added the following copyright information to the bottom right-hand side of the picture in PowerPoint (PPT): Copyright ©The Author(s) 2023.

# Comment 18:

Author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript.

Response 18:

In the "Discussion" section, we explore the research further, more research is needed to find safe massage power and formulate stricter quality management standards.

We would like to take this opportunity to thank you for all your time involved and this great opportunity for us to improve the manuscript. We hope you will find this revised version satisfactory.

### Sincerely,

Jing-wen Wang

Round 2

Review #1

Specific Comments To Authors: 1.There are some grammar errors at physical examination as follows Left lower limb muscle strength level 1 >> muscle strength was level 1 The following sentence should be written in this way 2. At the conclusion the term 'massages' should be changed to massager that described in the titile 3. If possible, more description about the massager should be given

**Response :** 1.We later modify the sentence to: left lower limb muscle strength Level 1 >> muscle strength was Level 1.

2.We have changed "massages" to "massager".

3.We have a supplementary description of the massager. Pulse electric moxibustion was carried out by electromagnetic frequency of electrode. Deep into the skin of the human body, carry out acupoint massage of the strain points, stimulate the shoulder and neck pain area and acupoints, so as to dredge the cervical vertebra, break up the nodules, dilate blood vessels, promote blood circulation, improve strain, dizziness, neck pain.