ROUND 1

Reply to the Reviewers’ Comments

We would like to express our sincere gratitude to the reviewers for their comments. We have revised our manuscript carefully based on their suggestions, and our point-by-point responses are provided below. We are confident that the quality of our manuscript has improved. The changes in the revised manuscript are highlighted in blue font. Please let us know if there are any further questions or if any clarifications are required.

Reviewer #1:
Specific Comments to Authors: Dear Authors this is very important method for treatment of ischemic ictus, but can you describe the essential criteria for enrollment of this procedure?

RESPONSE: Thank you for this suggestion. We have included essential criteria for enrollment in this procedure (Pages 4–5, Lines 91–103, Blue font).

this procedure is possible in all patients with ischemic ictus?
RESPONSE: Thank you for your valuable advice. We have included Indications and Contraindications for stent-based mechanical thrombectomy in the paper (Page 5, Lines 105–117, Blue font).

Reviewer #2:
The study is potentially interesting, but can be improved if the following considerations are addressed:
1 It would be helpful to mention in the Introduction that cardioembolic stroke and atherothrombotic stroke are the subtypes of ischemic infarct with the highest in-hospital mortality. The short-term prognosis of patients with cardioembolic stroke and atherothrombotic stroke is poor compared with other ischemic stroke subtypes (see and add this reference: Eur J Neurol 1999; 6: 677-683).

RESPONSE: Thank you for this valuable suggestion. As you have suggested, we have included this information in the paper (Page 3, Lines 63–65, Blue font).
2 Neurological examination and cerebrovascular risk factors should be included in the description of patient 1

RESPONSE: We are very sorry for our negligence in providing the required information, and appropriately, we have added the neurological examination and cerebrovascular risk factors as you have pointed out (Page 5, Lines 121–123, Blue font).

3 The result of the brain CT scan should be included in the description of patient 3

RESPONSE: Thank you for this insightful suggestion. Accordingly, we have included this information in the revised manuscript (Page 8, Line 188, Blue font).

4 Please correct "right positive Babinski sign" to "right Babinski sign" in Patient 4

RESPONSE: Thank you for this information. We have revised the sentences accordingly (Page 9, Line 215, Blue font).

5 It should be noted in the Discussion, that patients 2 and 4 presented with malignant middle cerebral artery infarction, a devastating type of ischemic stroke. In a recent clinical series, decreased consciousness, nausea or vomiting, and heavy smoking were the main associated clinical factors (REV INVEST CLIN. 2015;67:64-70). We recommend including and commenting on this reference.

RESPONSE: Thank you for this valuable suggestion. We have included this information and appropriately commented on the reference (Page 11, Lines 270–276, Blue font).

6 It would be interesting if the authors included in the text some of the limitations of this study.

RESPONSE: Thanks for your valuable advice. Accordingly, we have included the limitations of this study in the revised paper (Page 12, Lines 278–280, Blue font).
We would like to express our sincere gratitude to the reviewers and editors for their comments. We have revised our manuscript carefully based on their suggestions, and our point-by-point responses are provided below. We are confident that the quality of our manuscript has improved. The changes in the revised manuscript are highlighted in blue font. Please let us know if there are any further questions or if any clarifications are required.

THE REVIEWERS' COMMENTS
Dear Authors, this paper is very important, but it has different limitations. In particular, you describe the management of acute ischemic stroke in patients who underwent stent-based mechanical thrombectomy. Please can you describe the clinical requirements for thrombectomy, such as age, comorbidity, confusional state, gender etc? Thank you

RESPONSE: We thank the reviewer for the valuable advice. Accordingly, we have included this information in the manuscript (Page 7, Lines 122–126, Blue font).

EDITORS' COMMENTS
---------1. There are some specific comments to be modified in the second-round review. Please revise the manuscript according to its comments and make a point-to-point response to the review comments. Note that it is not my opinion, but the reviewer's opinion. Please see the attachment for the reviewer's opinion (85046_RevisionReviewReport).

RESPONSE: We have revised our manuscript carefully based on their suggestions, and our point-by-point responses are provided. Please let us know if there are any further questions or if any clarifications are required.

---------2. We are very pleased to receive your revised manuscript (No. 85046). However, after our verification, we found that the language editing company mentioned in your submitted language certificate only polished the initial manuscript. Following the many changes that were introduced into the content of your manuscript
during the revision process, some language problems exist in the revised manuscript. Further language polishing is required to fix all grammatical, syntactical, formatting and other related errors, in order to meet the publication requirement (Grade A). Please modify on the basis of the attached manuscript. Now, you are requested to send the revised manuscript to a professional English language editing company or a native English-speaking expert to polish the language further. When you submit the subsequent polished manuscript to us, you must provide a new language certificate along with it. Once this step is completed, your manuscript will be quickly accepted and published online. Please visit the following website for the professional English language editing companies we recommend: https://www.wjgnet.com/bpg/gerinfo/240.

**RESPONSE:** We have sent the revised manuscript to a professional English language editing company to polish the language further, and we will provide a new language certificate along with it.

---------3. Please provide all 2 fund documents【Supported by This study was supported by the clinical research project of the First Affiliated Hospital of Shenzhen University [No. 20223357030 and No. 20223357021].】

**RESPONSE:** We have provided the two funding documents, and please note that the two funding is in the same document. Please check the file uploaded in the submission system.

---------4. Please provide the Figures cited in the original manuscript in the form of PPT. All text can be edited, including A,B, arrows, etc. With respect to the reference to the Figure, please verify if it is an original image created for the manuscript, if not, please provide the source of the picture and the proof that the Figure has been authorized by the previous publisher or copyright owner to allow it to be redistributed.

**RESPONSE:** We have provided the Figures cited in the original manuscript in the form of PPT. Please check the file uploaded in the submission system.