

Dear editor and the reviewers,

On behalf of all co-authors, I would like to appreciate the editor and the reviewers for the positive and constructive comments and suggestions concerning our manuscript (86889). The comments and suggestions are all valuable and very helpful for revising and improving our manuscript, as well as the important guiding significance to our research. We have revised the entire manuscript carefully according to your and the reviewers' comments. In order to reduce English spelling/language problems, this manuscript has been thoroughly edited.

We hope our efforts and attempts could improve the quality of manuscript to satisfy the readers.

Again, many thanks for your efforts in helping improve our manuscript!

Yours Sincerely,

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Editor and Reviewer comments:

Reviewer #1:

Scientific Quality: Grade B (Very good)

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

Conclusion: Major revision

Specific Comments to Authors: A good paper, with an important publishing message. Language needs throughout improvements. For example, some expressions:presented with a Cough (?)while sawing through the sternum (?) Page 4/15, there is a link in blue color: Translated with DeepL ----- Does this mean that the translation has been through a free language online website ? If so, it is unacceptable. Images (axial CT) are somehow blurred, kindly submit high-resolution images. The paper needs an abbreviation section at the end: too many acronyms.

Response: Thank you for your valuable suggestions. We have made changes to the language you mentioned, and we have sent the manuscript to Filipodia, the company that your journal works with, for linguistic editing. In addition, you mentioned the quality of the pictures, we have re-provided them with greater clarity. In addition, a list of abbreviations is included at the end of the revised manuscript.

Abbreviations	
PLSVC	persistent left superior vena cava
DHCA	deep hypothermic circulatory arrest
RCP	retrograde cerebral perfusion
RA	right atrium
CS	coronary sinus
RSVC	right superior vena cava
AS	aortic stenosis
BV	bridging vein
BAV	Bicuspid aortic valve