

September 22nd, 2020
Prof. Marco Matteo Ciccone, MD,
Prof. Ramdas G Pai, FACC, FRCP (Hon), MD,
Prof. Dimitrios Tousoulis, FACC, MD, PhD,
Editors-in-Chief
World Journal of Cardiology

Dear Prof. Ciccone, Pai, and Tousoulis:

We are pleased to re-submit for publication our systematic review titled: ***“Rapid Right Ventricular Pacing for Balloon Valvuloplasty in Congenital Aortic Stenosis: A Systematic Review”***.

We are grateful to the editors and reviewers for providing insightful feedback on our study. We have carefully reviewed the recommendations and have revised our manuscript accordingly. Addressing each of their comments has certainly improved our manuscript. Detailed responses to the editor’s and reviewer’s comments are provided below.

Reviewer 1:

Comment 1.1: *“1. Abstract: “AIM” should be “To evaluate the role of rapid right ventricular pacing (RRVP) in balloon stabilization during BAV on aortic regurgitation (AR) in pediatric patients” , because the literatures which be analyzed were non randomized controlled studies.”*

Response:

We made the requested change.

Comment 1.2: *“2. Grammatical and format errors need to be corrected.”*

Response:

Our manuscript was re-read by a native English speaker and passed through the rigorous assessment of a professional English language digital writing tool using artificial intelligence and natural language processing. We made the respective minor changes that were deemed appropriate.

Science Editor:

Comment E.1: *"1 Scientific quality: The manuscript describes a systematic review of the RRVP for balloon valvuloplasty. The topic is within the scope of the WJC. (1) Classification: Grade B; (2) Summary of the Peer-Review Report: This paper evaluates the role of rapid right ventricular pacing (RRVP) in balloon stabilization during BAV on aortic regurgitation (AR) in pediatric patients by systematic review. These will be helpful for clinical work. However, the work in this paper is needed to be improved. Grammatical and format errors need to be corrected. The questions raised by the reviewers should be answered; and (3) Format: There are 2 tables and 1 figure. A total of 31 references are cited, without references published in the last 3 years. The authors need to update the references. There are no self-citations."*

Response:

- (1) Thank you for the grade.
- (2) We corrected the grammatical and format errors and responded to the reviewer.
- (3) Unfortunately, there are no relevant recent references within the past 3 years that could be cited.

Comments E.2-4: *"2 Language evaluation: Classification: Grade B. 3 Academic norms and rules: The authors provided the Biostatistics Review Certificate and the PRISMA 2009 Checklist. The authors need to provide the signed Conflict-of-Interest Disclosure Form and Copyright License Agreement. No academic misconduct was found in the CrossCheck detection and Bing search. 4 Supplementary comments: This is an unsolicited manuscript. The topic has not previously been published in the WJC. The corresponding author has not published articles in the BPG."*

Response:

Thank you for your comments.

Comment E.5: *"5 Issues raised: (1) 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; and (2) I found the authors did not write the "article highlight" section. Please write the "article highlights" section at the end of the main text."*

Response:

- (1) We did not fail to provide a figure. The figure was submitted as a Supplemental File (***Supplemental Figure 1***). After your request, we are now submitting the ***Supplemental Figure 1*** as ***Figure 1***.
- (2) We added this section as requested.

Comments E.6-7: *"6 Re-Review: Required. 7 Recommendation: Conditionally accepted."*

Response:

Thank you again for the opportunity to submit a revised version of our work.

We hope that with these revisions, our work is felt appropriate to publish in *World Journal of Cardiology* and perceived as educational to the Journal's readership. Thank you again for inviting us to submit the second revision our work to your journal. We would be pleased to answer any additional concerns or questions you may have.

Sincerely,

Konstantinos S. Mylonas, MD

Department of Cardiothoracic Surgery, Yale New Haven Hospital, New Haven, CT, USA.