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Name of Journal: *World Journal of Cardiology*

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Manuscript Type: Review

Dear Editor,

Thank you for taking the time to review our article. We have updated our manuscript per your suggestions. Page 1-3 has been formatted to include a title, running title, detailed author information, author contribution, conflict of interest statement, correspondence information, key words, and core tip. An audio core tip has also been included. References have been reformatted per your guidelines and PMID and DOI information included where applicable. In addition, we have included all figures in power point format per your request.

Unfortunately, while you “strongly suggest” that we subject our manuscript to *CrossCheck* analysis, neither our institution nor any of the individual authors have accounts with them and the short time frame provided for manuscript edits and review did not allow us to apply and gain access to their software. However, we personally vouch for the authenticity of our article and its complete lack of plagiarism. If through your journal you have access to the *CrossCheck* service we would be happy to have our manuscript screened for plagiarism.

In regards to specific points raised by your reviewers:

Reviewer 227375 cited the lack of clarity on using both peak early E velocity and pressure half time in our algorithm for differentiating prosthetic valve obstruction. We have clarified this potential confusion by adding the word ‘while’ on page 8 2nd paragraph, line 5, and by adding a clarification sentence at the end of the paragraph. Here we clarify that importance of the utility of pressure half time despite the peak early E velocity.

Reviewer 60192 asked for clarification on the criteria for thrombolytic therapy vs. surgical intervention.

We believe this has been thoroughly addressed in the ‘Treatment’ discussion on pages 11-12. Specifically, page 11 paragraph 2, lines 5-15 which mentions the criteria that have been suggested by guidelines and known data that would indicate medical/thrombolytic therapy. Furthermore, the indications for surgical

intervention over medical/thrombolytic therapy is discussed on page 11 paragraph 4 lines 1-5 and continuing on page 12 paragraph 1 lines 1-2.

Thank you again for your consideration, time and effort in reviewing our article. Please do not hesitate to contact me with any further questions or requests.

Sincerely,