

## Reply to the reviewers

New Haven, June 25, 2017

Dear Editor-in-Chief,

Enclosed please find a revised version of our manuscript, “Safety, efficiency and cost effectiveness of Bivalirudin – a systematic review”, that we would be grateful to have considered for publication in World Journal of Cardiology. We appreciate the opportunity to submit a revised version of the manuscript. We have addressed the concerns raised in the comments provided in the following point-by-point manner:

### 1. Reviewer 1: 00214291

Grade A: priority publishing. High priority for publication

No comments.

### 2. Reviewer 2: 02636166

Grade C: a great deal of language polishing. Major revision

**Comment 1:** Dear Editor: Dr. Mehrzad and colleagues have made a systemic review regarding the use of Safety, efficiency and cost effectiveness of Bivalirudin. Their review is extensive but some points should be addressed. Major: As a review manuscript, some tables may be appropriately used for the readers to understand.

**Reply 1:** Thank you for this suggestion. We have added a valuable table where we have added all the major studies on this topic to make it easier for the reader.

**Comment 2:** Minor: Several grammar errors have to be revised.

**Reply 2:** We have taken to account ALL We have done a fill proofreading and edited grammar and typos.

### 3. Reviewer 3: 00227375

Grade A: priority publishing. High priority for publication.

**Comment 1:** Page 6, lines 5-7

Bivalirudin group patients also had lower rates of non-CABG-related major bleeding (NCRMB -4.9% vs 8.3%  $p < 0.005$ ) and all-cause mortality (2.1% vs 3.1%  $p = 0.047$ ).

Correct “NCRMB -4.9%” to “NCRMB 4.9%”.

**Reply 1:** We have now corrected this.

**Comment 2:** Page 9, TIMING STUDY, 1<sup>st</sup> paragraph, line4

Correct “bleeding rates (3.5% vs 6.6% p=0.53)” to “bleeding rates (3.5% vs 6.6%, risk ratio: 0.53, 95% confidence interval: 0.41 to 0.69” or “bleeding rates (3.5% vs 6.6% p<0.0001).

**Reply 2:** We have no corrected this.

#### **4. Editors comments and our responses:**

1. We added a running title
2. We added institution names
3. We added author contributions
4. We added an abstract
5. We added the core tip
6. We changed reference numbers to superscript
7. We added the comment section in the end
8. We edited the references by adding PMID and DOI to them.
9. We added a biostatistics statement
10. We added a data sharing statement
11. We completed the copyright assignment
12. We added a screen shot of the Google Scholar
13. The corresponding author lives and work in America and have proofread the language
14. There no funding or grant supporting this paper.

Very respectfully,

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