Reviewer’s report

Title: Optimal INR Level for Warfarin Therapy after Mechanical Mitral Valve Replacement

Version: 0 Date: 23 Nov 2018

Reviewer: Miriam Silaschi

Reviewer's report:

- Why should INR target be different for Thai population then for other ethnic groups? Please elaborate in the introduction
- Check for grammar and language
- Did you use different prosthesis types? Which type of prosthesis was used? Please clarify further
- Left atrial appendage closure during surgery?
- Paroxysmal Afib: Did these patients have a difference in incidence in thrombembolic events
- How do you explain the relatively high event rates for ischemic stroke and bleeding (5-9%) in your study and is it comparable to other studies?
- How many patients were lost to follow-up / no information available on bleeding events and how did you account for dead patients, especially those were the cause of death was unknown? Please elaborate further
- Do you conclude that Thai patients have lower INR target than caucasians for MVR? Is there an explanation for this observation?
- Were there any fatal bleeding/thrombembolic events?
- How often were INR levels controlled? Did all patients perform self-check on a daily basis?
- What is „new" about your study/elaborate in the conclusion as to why your study might add further knowledge to the scientific community

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes
Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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