Reviewer’s report

Title: Tourniquet-induced tissue hypoxia characterized by near-infrared spectroscopy during ankle surgery: an observational study

Version: 0 Date: 23 Feb 2019

Reviewer: Kenichi Takechi

Reviewer's report:

Tourniquet-induced tissue hypoxia characterized by near-infrared spectroscopy during ankle surgery: an observational study by Gang Li et al. is a basic clinical study examining a tourniquet-induced tissue hypoxia using near-infrared spectroscopy. All section is well written and understandable. In the result section, they pointed out two-phase decrease of SstO2 (rapid phase and slow phase). Probable mechanism of this two-phase decrease of SstO2 should be mention in discussion section.

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.

Yes

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 am able to assess the statistics

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

Acceptable

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