Reviewer’s report

Title: Does the application of Opsite Flexigrid occlude the oxygen saturation readings in healthy individuals using the moorVMS-OXY machine?

Version: 1 Date: 28 Apr 2020

Reviewer: Peta Tehan

Reviewer's report:

Firstly my deepest apologies for the delay in getting this review completed. Thank you for your patience. Thank you for making revisions to the manuscript which in my opinion, is much clearer to read. There are a small number of items that I would like to see revised if possible please.

The first sentence of the background in the abstract still requires some revision please. There is unnecessary capitalisation, and furthermore, the wording is still clunky. What is the difference between PAD and ischemia? Are you referring to CLTI? Just because someone has diabetes doesn't mean they will ever develop a chronic wound - could you please take care with the wording here and in the conclusion of the manuscript. Would you mind reconsidering this opening sentence?

Could you please replace the word 'unreliable' in the conclusion of the abstract, this should read inaccurate.
The background overall in the abstract is much clearer now, thank you.

Manuscript

First sentence of the background, as above, could you revise - chronic wound vs ulcer? What's the difference? Could you revisit this sentence.
Aims are much clearer, thank you. If you are going to pose the aim as a question could you please add a question mark or otherwise re-phrase.
Conclusion much better thank you. Some unnecessary capitalisation still present please review

Level of interest
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

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

Needs some language corrections before being published
Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?
4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?
5. Do you have any other financial competing interests?
6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I have no conflicts to declare

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal