**Author’s response to reviews**

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

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**Author’s response to reviews:**

Associate editor report:

Please remove unnecessary capitalisation from the abstract. For example diabetes mellitus, peripheral vascular disease, ischemia. Capitals removed, removed ischaemia and added potentially susceptible to chronic wounds in the abstract.

Consider removal of unnecessary headings that are titles of testing equipment. Consider a heading such as Instrumentation or Intervention - Deleted an extra space in the text at page 6 line 3. Also altered headings to read instrumentation and equipment protocol. Page 5 line 19. Deleted headings: Opsite Flexigrid – page 6 line 20 and Test Protocol – Page 7 line 11.

Replacement of the non-standard abbreviation OF with the full word. All other abbreviations are standardly used within literature - Done throughout the document and removed from the abbreviation list.

Reformatting of references to journal standard - Sorry about that - I believe I have done this now, but I am not sure about reference 7 and reference 14. Reference 7 – it’s the page numbers, it’s not a supplement, but the page numbers have prefix letters in with the numbers, do I leave them? Reference 14 - I couldn’t find an abbreviation for the journal title Wounds UK. Would you be able to confirm if these are correct please? Many thanks
Reviewer reports:

Reviewer #1: Please amend the below as this comment has not been addressed.
Table 1 - it is unclear what the * means, the symbols need to align with the current key that you have. There is a key at the bottom of the table indicating the meaning of the *

The above comment has not been addressed as the key symbol does not match the symbol in the table, if you are using a * in the table beside numbers, the * should appear in the key currently this is not the case as the key would appear have a dot and not a *. - Sorry about this, the auto correct on my computer changed the star back to a bullet point. I have now inserted a symbol *
This has stayed there. Page 11.

Reviewer #2:
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? - I have removed the capitals and the word ischaemia, as well as reworded the opening sentence, the background and the conclusion. Page 1, Page 2 and Page 14.

Could you please replace the word 'unreliable' in the conclusion of the abstract, this should read inaccurate. - Changed unreliable for inaccurate.
The background overall in the abstract is much clearer now, thank you. 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. - Wording changed as advised.
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. - Question Mark added.
Conclusion much better thank you. Some unnecessary capitalisation still present please review - Removed capitals on diabetes mellitus.

Thank you all very much for your time and useful comments. These have been valuable in helping improve the document and are really appreciated.