Author's response to reviews

Title: An automated Method for Analysis of Microcirculation Videos for Accurate Assessment of Tissue Perfusion

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Author's response to reviews: see over
Dear....

We wish to thank the journal and its reviewers for their review and critique of the manuscript. Below is a detailed response to each of the reviewer’s critique. Where appropriate, changes have been made in the manuscript using the “Track Change” function.

1) We have complied with Dr. Dobbe’s request to remove all figures and discussion as they pertain to unedited AVA.

2) We have added as a limitation in the discussion section, mention of the newer version of AVA which we did not have access to.

3) We have corrected the use of reference 24.

4) In the methods section we have defined the “distinctive” features and defined “remarkableness.

5) In the Preprocessing and Segmentation section we have attempted to provide a better explanation of the three features extracted and their function and importance to the process.

6) We have defined bmax in equation 1.

7) We have provided mention in the discussion section, that moving past a binary assessment of flow may be advantageous.

Again, we thank the editor and the reviewers and we hope they will find the revised manuscript suitable for acceptance and publication.

Sincerely,