Author's response to reviews

**Title:** The increase of vasomotor tone avoids the ability of the dynamic preload indicators to estimate fluid responsiveness.

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**Author's response to reviews:** see over
Response Reviewer 1: Jochen Renner

In general I feel that the authors adequately addressed the points of criticism raised by the reviewers. I have only some minor points to consider:

Abstract introduction: second sentence; please delete preload.. the effects of vascular tone on dynamic variables of fluid responsiveness...; dynamic indices (not indexes); please consistent

-last sentence methods: we compared trending abilities between SVV and pressure surrogate indices using four-quadrant plots and polar plots...

-results: The concordance rate was 91%... etc.

- conclusion: in this animal model of hemorrhage and increased vasomotor tone induced by phenylepinephrine the ability of dynamic indices to predict fluid responsiveness seems to be impaired, masking.... and also please relative the conclusion section in the discussion accordingly.

No more comments.

Corrections made, thank you very much.

Response Reviewer 2: Koichi Suehiro

We appreciate the reviewer’s thoughtful consideration.