Reviewer’s report

**Title:** Associations of 2D speckle tracking echocardiography-based right heart deformation parameters and invasively assessed hemodynamic measurements in patients with pulmonary hypertension

**Version:** 0  **Date:** 19 Mar 2020

**Reviewer:** Ines Monte

**Reviewer's report:**

The authors analyze the possibility of using 2D-STE in association with invasive parameters in the evaluation of patients with pulmonary hypertension.

They found a good correlation between 2D-STE and hemodynamic parameters in patients with pulmonary hypertension, not in patients without.

It should be noted that the group with HP has double difference from that without, regard to atrial fibrillation and CAD and MI and CABG.

A multiparametric evaluation would probably have been helpful in assessing the weight of these differences between the two groups.

**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:

Acceptable

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