Reviewer’s report

Title: Cardiac Fluid Dynamics meets Deformation Imaging

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Reviewer: Erwan Donal

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Cardiac Fluid Dynamics meets Deformation Imaging

The title is appealing

The paper is sometimes confusing and insufficiently structured for providing the potential clinical value of the approaches: flow/strain or both...

Reading to paper it is a bit difficult to know what can we clinically expect from the study of the LV flows as compared to LV strain data?

The chapter "Sample Clinical Flow Analysis" is a bit surprising in a review paper.

A the end, the conclusion is 'Fluid dynamics provide an alternative viewpoint when looking at cardiac mechanics': is it that relevant when the effort is on the implementation of GLS in the daily clinical practice?

The figures are more related to a new research paper than to a review paper trying to provide arguments for / against the use of the intra ventricular flow in addition or instead of the myocardial deformation indices…
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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:

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