Reviewer’s report

Title: Value of dual Doppler echocardiography for prediction of atrial fibrillation recurrence after radiofrequency catheter ablation

Version: 1 Date: 14 Aug 2019

Reviewer: Agathi Rosa Vrettou

Reviewer's report:

Dear Dr Jiawei Tian,

Your manuscript represents a well written work on assessing parameters of LV diastolic function by dual doppler echo as independent predictors of AF recurrence post ablation. I only have some minor recommendations to make

1. I would suggest to emphasize more on the value of TE-e' for patients with intermediate E/e' values as your work suggests . If any data on NT-pro BNP levels are available could be also added in your analysis

2. Maybe a different abbreviation for E/e' for lateral and septal wall could be chosen instead of S, L as these might be somewhat confusing

Kind regards,

Agathi-Rosa Vrettou, MD

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
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Yes
Are the conclusions drawn adequately supported by the data shown?
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Yes

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