Reviewer’s report

Title: Evaluation of venous pathology of the lower extremities with triggered angiography noncontrast-enhanced magnetic resonance imaging (TRANCE-MRI)

Version: 0 Date: 25 Aug 2019

Reviewer: Boris Gorodetski

Reviewer's report:

The manuscript is trying to show the feasibility of using TRANCE-MRI in venous pathology of the lower extremity. The clinical benefit is not clear after reading the manuscript. Performing a 1h MRI-scan in order to exclude a deep venous thrombosis is surreal in the clinical setting, further, a fast, easy and cheap diagnostic modality already exists: ultrasound. The clinical impact or possible benefit should be elaborated in a more thoroughly way and more analysis of the current literature and comparison to the current literature and other studies should be made.

To many different diseases are mixed up in one study. It might be better to focus on one disease such as deep vein thrombosis or varicose.

The manuscript is not really innovative and the clinical benefit is not clear. The authors should be overthinking the study design, major parts of the manuscript should be revised completely and be better focused on the main/relevant message of the manuscript.

Further, many spelling mistakes were made.

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

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No
**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**

If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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