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: 03 Sep 2019

Reviewer: Saher Taman

Reviewer's report:

Regarding methods:

As I have seen in your nice study, the aim of your work is to detect venous pathology, so why examination of the arterial system was done using post contrast CT scan (which has many side effects due to the high dose of contrast media) while you can use smaller dose of contrast media to do CT venography (which is your target to be examined)…also examination of the arterial system using your MRI technique (TRANCE) mad the time to be very long and could not be tolerated by some patients.

Regarding Figures:

Figure 1.
What about the reference of this figure.

Figure 2.
Only correct the word arterieal to (arterial).

Figure 3.
Exchange Superficial femoral vein (SFV) instead of femoral vein (FV).
Exchange incomplete opacification instead of poor opacification.
Figure 4.

Please mention the anatomical site, plane & pulse sequence of each image…like coronal MRI inguinal regions and proximal thighs on both sides showing…etc.

Regarding References:

Need more update.

Please specify what did you mean by FV…Is it Common femoral vein (CFV) or Supergicial Femoral vein (SFV).

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.

Yes

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.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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1- No 2- No 3- No 4- No 5- No 6- No

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