

ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 8251

Title: Atherosclerosis Imaging Using 3D Black Blood TSE SPACE vs 2D TSE

Reviewer code: 02666955

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-22 19:57

Date reviewed: 2014-01-01 23:44

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Review of Manuscript No. 8251, Atherosclerosis Imaging Using 3D Black Blood TSE SPACE vs 2D TSE The current manuscript describes a comparison between two different image settings in 1.5 T MRI imaging of the vessels. However, I don't have anything else to say - I enjoyed reading this manuscript! In short details: Title: Ok Abstract: Ok IRB/Ethics approval: Ok Rest of the manuscript: Ok Figures/Tables: Figures 2-5 are sometimes not so easy to understand - but still ok!

ESPS Peer-review Report

Name of Journal: World Journal of Radiology

ESPS Manuscript NO: 8251

Title: Atherosclerosis Imaging Using 3D Black Blood TSE SPACE vs 2D TSE

Reviewer code: 02834706

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-22 19:57

Date reviewed: 2014-01-02 16:59

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Reviewer Comments: This study compared the 3D SPACE vs. 2D TSE qualitatively and quantitatively using carotid, aorta, and femoral arteries. In general, the manuscript was clearly written and investigated two sequences clearly. Abstract Please consider to modify conclusion (see below: Conclusion) Introduction Page 5, 3rd paragraph, line 3: Before this technique~ Is there any previous methods how to establish the multiple vascular territories in 3D SPACE? Method Page 8, 2nd paragraph, line 9: A trained reader~ How to define the OWA, WT, LA, TVA? If you manually segmented all these area, you'd better show the figure how to define these area. Did you check out the reproducibility of this manual method? Please add more detail parameters about the sequence (2D TSE and 3D SPACE). For example, field of view, acquisition time, echo, etc. Discussion 12 page, 2nd paragraph, line 9: One potential reason~ Please comment on what if the femoral imaging coil do is used. how does it affect the result? Did you do any further image processing to improve resolution? Conclusion Page 13 The results show that 3D SPACE is poor than 2D TSE (qualitative assessment: Femoral, Morphometric). In particular, results from femoral arteries are poor. It looks like more reason needed for feasibility of 3D SPACE. Please consider this limitation when stating your conclusion. Table 2 Please add unit in table 2.