

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 22877

Title: Simultaneous whole body 18F-FDG PET-MRI for evaluation of pediatric cancer: preliminary experience and comparison with 18F-FDG PET-CT

Reviewer's code: 00289440

Reviewer's country: Iran

Science editor: Shui Qiu

Date sent for review: 2015-10-02 15:35

Date reviewed: 2015-10-12 14:24

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Dear author according to Manuscript Number 22877 Manuscript Title: Simultaneous whole body 18F-FDG PET-MRI for evaluation of pediatric cancer: preliminary experience and comparison with 18F-FDG PET-CT this is a well written novel study and no significant fault noted in it.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 22877

Title: Simultaneous whole body 18F-FDG PET-MRI for evaluation of pediatric cancer: preliminary experience and comparison with 18F-FDG PET-CT

Reviewer's code: 00503432

Reviewer's country: Iran

Science editor: Shui Qiu

Date sent for review: 2015-10-02 15:35

Date reviewed: 2015-10-06 22:11

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The authors assessed simultaneous whole body 18F-FDG PET-MRI for evaluation of pediatric cancer and compared with 18F-FDG PET-CT findings. They evaluated tumors only in 7 cases. Overall, there are a number of limitations that diminish the power of study in order to present a conclusion to suggest PET-MRI instead of PET-CT in children; however, as a preliminary experience could be helpful. Furthermore, is there any concern about MRI safety? especially in children?

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Radiology

ESPS manuscript NO: 22877

Title: Simultaneous whole body 18F-FDG PET-MRI for evaluation of pediatric cancer: preliminary experience and comparison with 18F-FDG PET-CT

Reviewer's code: 00289451

Reviewer's country: Italy

Science editor: Shui Qiu

Date sent for review: 2015-10-02 15:35

Date reviewed: 2015-10-07 00:16

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Journals: World Journal of Radiology Manuscript Number: 22877 Manuscript Title: Simultaneous whole body 18F-FDG PET-MRI for evaluation of pediatric cancer: preliminary experience and comparison with 18F-FDG PET-CT This paper describes a research study meant to assess the feasibility and accuracy of PET/MRI in the evaluation of pediatric cancer. The focus of the work is to compare the performance of PET/MRI in its ability, accuracy and utility to detect and characterize cancerous tumors using PET/CT as a reference standard on pediatric oncology patients during the same visit. Obtained results suggest that PET-MRI has high accuracy for detecting malignant lesions across a wide range of tumor types and anatomic locations, and it is associated with a substantial reduction in patient ionizing radiation exposure compared with PET-CT. This is overall a good work; however, some aspect could be improved: -it is appropriate to describe in the abstract the specific Study Design indicating that it is an observational, prospective and single-centre study; -it would be useful to provide for the figure 5 specific descriptive details to illustrate more clearly the images as for the other figures; -in the "Discussion" session authors could better highlight and emphasize the



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innovative aspect of their work with respect to data already available in literature.