

Review Form 3

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_129964
Title of the Manuscript:	Analysis of the Efficiency of Iterative Reconstruction Techniques in Reducing Radiation Dose in Computed Tomography: A Clinical Feasibility Study
Type of the Article	

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	<p>This paper performs a study of measuring the influence of different interactive reconstruction (IR) techniques for computed tomography (CT) equipment by efficiency of iterative reconstruction in the three most common exams used in clinical practice: skull, chest and abdomen. The aim is to reduce radiation dose during clinical practice.</p> <p>The paper shows that the most favorable results were achieved by the CT scanner that did not use Iterative Reconstruction. Interestingly, the equipment with the application of IR recorded higher rates of radiation exposure compared to the CT scanner without this functionality which finding is particularly relevant when considering the need to reduce patient exposure to radiation. Authors want to emphasize in the paper that the lower the radiation dose and the higher the quality of the radiographic image, the greater the patient's safety and well-being during the procedure.</p>	Ok
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract of the article is comprehensive, well-structured and informative.	Ok
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct and explores practical issue that can help in maintaining better health for the people exposed to CT imaging.	Thanks for the comments. Noted and revised as per the suggestions
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient	Thanks
Is the language/English quality of the article suitable for scholarly communications?	The language has to be improved in terms of grammatical correctness.	Thanks for the comments. Noted and revised as per the suggestions
Optional/General comments		

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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	