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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 11305

Title: Modified Simultaneous Integrated Boost Radiotherapy for an Unresectable Huge Refractory Pelvic Tumor

Reviewer code: 00289451

Science editor: Yuan Qi

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B (Very good)	<input type="checkbox"/> [Y] 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	BPG Search:	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> [] Grade E (Poor)		<input type="checkbox"/> [] Existed	<input type="checkbox"/> [] Major revision
		<input type="checkbox"/> [] No records	

COMMENTS TO AUTHORS

The manuscript investigates feasibility of Radiotherapy with modified SIB as an effective treatment for patients with a huge tumor in terms of tumor shrinkage, prolongation of survival and other parameters. The paper is well written and I have only the following minor comments to be addressed. It would be interesting for future studies with more similar cases if an automatic approach for quantitatively measuring tumor shrinkage and correlate this trend with RT delivered dose. Several image segmentation approaches are available in literature and the following could be easily employed in future investigations and should be briefly discussed in the discussion section for tumor and tumor vessel volume evaluations. - CASCIARO S., FRANCHINI R, MASSOPTIER L, CASCIARO E, CONVERSANO F, MALVASI A, LAY-EKUAKILLE A. "Fully Automatic Segmentations of Liver and Hepatic Tumors from 3-D Computed Tomography Abdominal Images: Comparative Evaluation of Two Automatic Methods". IEEE Sensors Journal, Vol: 12 (3): 464-473, March 2012. - CONVERSANO F., FRANCHINI R., DEMITRI C., MASSOPTIER L., MONTAGNA F., MAFFEZZOLI A., MALVASI A., CASCIARO S. "Hepatic Vessel Segmentation for 3D Planning of Liver Surgery: Experimental Evaluation of a New Fully Automatic Algorithm". Academic Radiology. 2011 Apr;18(4):461-70. Epub 2011 Jan 8. PMID: 21216631, doi:10.1016/j.acra.2010.11.015