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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 66475

Title: Neoadjuvant radiotherapy dose escalation for locally advanced rectal cancers in

the new era of radiotherapy: A review of literature

Reviewer's code: 03270441

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2021-04-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-15 08:58

Reviewer performed review: 2021-04-26 16:15

Review time: 11 Days and 7 Hours

Scientific quality	[] Grade A: Excellent [Y] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	 [] Accept (High priority) [Y] Accept (General priority) [] Minor revision [] Major revision [] Rejection
Re-review	[Y]Yes []No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No



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SPECIFIC COMMENTS TO AUTHORS

The authors systematically analyzed the efficacy and complications of neoadjuvant radiotherapy for locally advanced rectal cancer by using innovative radiotherapy techniques, such as VMAT, IGRT and IMRT et al. They confirmed that compared with standard neoadjuvant radiotherapy, radiotherapy dose escalation using innovative techniques could be effective and safe. The authors' data represented in the manuscript supported the conclusions of this review. These results of the review provided the possible clinical basis for future prospective clinical trials. Only one suggestion: Line 2, "Late and acute toxicity" of "Results" section: Please compliment the reference for RTOG/ CTCAE version.