

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 62625

Title: Role of Modern Radiotherapy in Managing Patients with Hepatocellular Carcinoma

Reviewer's code: 05771605

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: Taiwan

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Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-02 05:51

Reviewer performed review: 2021-03-02 06:21

Review time: 1 Hour

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 Grade E: Do not publish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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

This is an elaborate and topical review of the current guidelines on the use of radiotherapy in HCC. The manuscript is very well written and provides an updated account of the treatment of HCC. I believe this work will add value to the available literature and serve as a good source of information on the topic. In my opinion, the manuscript can be made more readable and attractive by the addition some figures and diagrams about the mechanisms and techniques which have been reviewed in the manuscript. I suggest adding the same on all or some the following aspects: Proton Therapy Photon Therapy Stereotactic ablative radiotherapy(SABR)/SBRT Comparison between Stereotactic ablative radiotherapy(SABR)/SBRT and ablative therapy Comparison of SABR and trans-arterial chemoembolization (TACE) Trans-arterial radioembolization (TARE) Mechanism of action of Sorafenib STAR effect