



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Hepatology*

**Manuscript NO:** 64966

**Title:** Loco-regional treatment of Hepatocellular Carcinoma: role of contrast-enhanced ultrasonography

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05261046

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** Italy

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-04-04 00:24

**Reviewer performed review:** 2021-04-08 01:36

**Review time:** 4 Days and 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input 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

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
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### **SPECIFIC COMMENTS TO AUTHORS**

Very well written paper. few minor edits, but otherwise, excellent topic. Page 7 last paragraph: "The enhanced area around the tumor may obscured by the artifacts created from the dense accumulation of the ethiodized oil in TACE", please add "be" next to may "be" obscured. Page 11: "We think 3D CEUS is an increasingly technique". Increasingly what?



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**Reviewer's code:** 05935994

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Egypt

**Author's Country/Territory:** Italy

**Manuscript submission date:** 2021-02-25

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-03-30 06:27

**Reviewer performed review:** 2021-04-10 03:38

**Review time:** 10 Days and 21 Hours

<b>Scientific quality</b>	<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
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### **SPECIFIC COMMENTS TO AUTHORS**

The authors have presented significant insights and data that support the role of contrast-enhanced ultrasonography in HCC treatment. Below are some comments that the authors are required to revise in order to improve the quality of the review:

1. Abstract: there should be no reference and in-text citation; kindly remove. Also, punctuations should be revised.
2. a. Introduction part should be named background.  
b. "Unfortunately, HCC, still today, is a pathology with a great mortality and morbidity, even with great efforts in term of primary prevention, surveillance and multidisciplinary approach" paragraph needs to be rephrased and cited.  
c. "RFA induces thermal injury to tumoral tissue by creating resistive ionic heating (50 - 100°)", the authors need to specify the type of temperature measuring scale.
3. Authors did not specify the figures (2 and 3) locations in-text.
4. number of references need to be updated, if possible.
5. As it is a review, it should include even a brief background about HCC as a disease and pathophysiology. Also, should state LRT in the era of any other therapy such as targeted and immunotherapy and how it could help.