

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 48752

**Title:** Locoregional treatments for HCC: current evidence and future directions

**Reviewer's code:** 03724099

**Reviewer's country:** United States

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-05-01 01:34

**Reviewer performed review:** 2019-05-02 02:14

**Review time:** 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This is a well written detailed review on locoregional therapies in HCC. Few comments. Include tables comparing different locoregional therapies. Include table/information to comment on imaging response guidelines for HCC (Response Evaluation Criteria in Solid Tumors - RECIST, modified-RECIST). Include information on IRE (irreversible



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electroporation) Recommend using or introducing TARE (transarterial  
radioembolization) terminology for Yttrium-90

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 48752

**Title:** Locoregional treatments for HCC: current evidence and future directions

**Reviewer's code:** 02993003

**Reviewer's country:** Argentina

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-04-30 10:46

**Reviewer performed review:** 2019-05-04 18:03

**Review time:** 4 Days and 7 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Dear authors: The review is very complete, objective and precise. However, some big issues have to be written again: 1-Focus on primary end-points and design of each trial that was comment on this review: e.g if overall survival was a secondary end-point, please do not conclude that the trial demonstrated a better overall survival as a main



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outcome (Page 6). 2-Page 12: TARE vs sorafenib: the paragraph should be written again considering what I have mentioned in point 1 and my comment supported in the word format (attached). 3-Cautious with recommendations based on non robust evidence: combination therapies. 4-TACE + sorafenib: please review again SPACE and TACTICS trials.

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##### ***BPG Search:***

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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 48752

**Title:** Locoregional treatments for HCC: current evidence and future directions

**Reviewer's code:** 00182423

**Reviewer's country:** South Korea

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-05-03 00:42

**Reviewer performed review:** 2019-05-05 22:38

**Review time:** 2 Days and 21 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This paper is an up-to-date review on the current status of locoregional treatment for HCC that will guide the future direction.

### INITIAL REVIEW OF THE MANUSCRIPT



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*BPG Search:*

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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 48752

**Title:** Locoregional treatments for HCC: current evidence and future directions

**Reviewer's code:** 03261379

**Reviewer's country:** Romania

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-05-08 14:10

**Reviewer performed review:** 2019-05-08 15:02

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Congratulations on your extensive review. My suggestions are as follows: - Please include a section about laser ablation in HCC- it has shown promising results and in can be considered curative in small tumors. - Regarding TACE, current debates are aimed at comparing efficiency between various TACE methods (which you have discussed)



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and at establishing the optimal time period between procedures. This need further discussion in you review. - A table including indications, advantages and disadvantages of each therapeutic option - There are minor English grammar errors that need correction.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 48752

**Title:** Locoregional treatments for HCC: current evidence and future directions

**Reviewer's code:** 02438768

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-05-02 01:20

**Reviewer performed review:** 2019-05-09 00:56

**Review time:** 6 Days and 23 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Comments for ESPS Manuscript NO 48752 This is a review about the current status of loregional treatment for HCC. Text is well written, there are no major and few minor concerns. Regarding the latter: 1.I strongly suggest supporting the text with additional table. This table should include advantages and disadvantages of each loregional



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treatment mentioned in this review, which will help to better understand the text.

2.Minor language polishing is needed.

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 48752

**Title:** Locoregional treatments for HCC: current evidence and future directions

**Reviewer's code:** 02535288

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-05-02 13:37

**Reviewer performed review:** 2019-05-09 09:09

**Review time:** 6 Days and 19 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Drs. Inchingolo et al., provide a review paper focusing on the technical aspect of locoregional treatment options for Hepatocellular carcinoma (HCC), involving current evidence and future perspective. The work searched recent literature and compared various RCT trials, and try to present latest advance in HCC treatment. Numerous



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efforts have been made to provide better treatment options for HCC patients especially when they are in late stage and inoperable, therefore further works in these area will be a welcome. This work is therefore interesting with merit. The manuscript appears well oriented and wrote, but is also very lengthy. Adding a few subtitle, charts or cartoons may strengthen the overall quality of work, and that might be a better form of presentation for readers to understand these technical advent of available options for HCC treatment. It is also advised that authors avoid lengthy paragraphs and sentences, and try to make it concise and up-to-date. Minor typos and grammatical errors are found throughout the text, and so are various formats of reference, which deserve authors' attention. The work may require revision and summarize research directions for each treatment option in order to guide future efforts in the field. Authors are encouraged to revise and make the manuscript more concise and attractive.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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