

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 52409

**Title:** The utility of PET-CT scan in detecting residual hepatocellular carcinoma: A case series of PET-CT scan complementing multiphasic scans in treatment-experienced patients.

**Reviewer's code:** 03408355

**Position:** Peer Reviewer

**Academic degree:** N/A, MD

**Professional title:** N/A, Doctor, Research Scientist

**Reviewer's country:** China

**Author's country:** United States

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2019-11-06 01:59

**Reviewer performed review:** 2019-11-06 02:01

**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 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



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## **SPECIFIC COMMENTS TO AUTHORS**

This case was interesting. No further comments.

## **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 Gastrointestinal Oncology

**Manuscript NO:** 52409

**Title:** The utility of PET-CT scan in detecting residual hepatocellular carcinoma: A case series of PET-CT scan complementing multiphasic scans in treatment-experienced patients.

**Reviewer's code:** 02539179

**Position:** Peer Reviewer

**Academic degree:** PhD, MD

**Professional title:** Professor

**Reviewer's country:** China

**Author's country:** United States

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-11-07 00:13

**Reviewer performed review:** 2019-11-19 15:07

**Review time:** 12 Days and 14 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



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## **SPECIFIC COMMENTS TO AUTHORS**

1. The author didn't discuss the mechanism (s) for why PET-CT can be helpful in some but not all cases of HCC, and suggest what kind of HCC can be selected for PET-CT scanning. 2. All figures should be marked clearly for the types of images.

## **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 Gastrointestinal Oncology

**Manuscript NO:** 52409

**Title:** The utility of PET-CT scan in detecting residual hepatocellular carcinoma: A case series of PET-CT scan complementing multiphasic scans in treatment-experienced patients.

**Reviewer's code:** 00053888

**Position:** Editorial Board

**Academic degree:** FRCS (Gen Surg), MD

**Professional title:** Attending Doctor, Doctor, Surgeon

**Reviewer's country:** United Kingdom

**Author's country:** United States

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2019-11-27 14:28

**Reviewer performed review:** 2019-11-27 14:47

**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 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**

The authors have described 4 cases of HCC in which CT PET was useful in evaluating treatment response. It can often be difficult to tell the difference between tumour necrosis and active disease in patients who have undergone treatment. CT PET is traditionally not used in the diagnosis and FU of HCC because of the difficulty in interpreting avidity within the liver substance. These four cases demonstrate that there might be a role in highly selected patients for CT PET. The authors have not really suggested what this role might be but have proposed further evaluation of the technique. Overall this is an important finding and the authors have quite rightly not overplayed their findings. There are a small number of grammatical errors that need correcting.

## **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 Gastrointestinal Oncology

**Manuscript NO:** 52409

**Title:** The utility of PET-CT scan in detecting residual hepatocellular carcinoma: A case series of PET-CT scan complementing multiphasic scans in treatment-experienced patients.

**Reviewer's code:** 02438768

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's country:** China

**Author's country:** United States

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2019-11-27 07:54

**Reviewer performed review:** 2019-11-29 01:01

**Review time:** 1 Day and 17 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



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## **SPECIFIC COMMENTS TO AUTHORS**

Comments for ESPS Manuscript NO 52409 This Case Report is interesting. There are no major and few minor concerns. Regarding the latter, 1.The format of the paper does not meet the WJGO's requirements. 2. Minor language polishing is needed.

## **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 Gastrointestinal Oncology

**Manuscript NO:** 52409

**Title:** The utility of PET-CT scan in detecting residual hepatocellular carcinoma: A case series of PET-CT scan complementing multiphasic scans in treatment-experienced patients.

**Reviewer's code:** 03475479

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Lecturer

**Reviewer's country:** Japan

**Author's country:** United States

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2019-11-27 03:31

**Reviewer performed review:** 2019-11-29 03:05

**Review time:** 1 Day 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 type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" 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 type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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			<input checked="" type="checkbox"/> No



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### **SPECIFIC COMMENTS TO AUTHORS**

This report was interesting, but several issues should be addressed. 1. As authors showed in Case 2, poorly differentiated HCC frequently shows hypovascular pattern. Authors should show or discuss histological type in Case 1, 3 and 4. 2. Hepatobiliary phase of EOB-MRI or kupffer phase of contrast-enhanced US can detect tumors in such cases. Authors should show or discuss such other modalities. 3. FDG-PET is expensive and less available. It might not be recommended as routine examinations. Of course, it is not recommended in the guidelines. Authors should discuss about it.

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

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

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

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

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

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 52409

**Title:** The utility of PET-CT scan in detecting residual hepatocellular carcinoma: A case series of PET-CT scan complementing multiphasic scans in treatment-experienced patients.

**Reviewer's code:** 00053419

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's country:** Spain

**Author's country:** United States

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2019-12-01 10:57

**Reviewer performed review:** 2019-12-04 16:12

**Review time:** 3 Days and 5 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 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



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#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript has been comprehensively presented and reports the potential of PET-CT scan for the detection of HCC lesions elusive to other techniques based on four clinical cases. The clinical management of these patients was significantly benefited by the use of this approach and it would be of interest to verify the reported findings in additional cases.

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

##### *Google Search:*

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

##### *BPG Search:*

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