

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 42297

Title: Predictive factors of histological response of colorectal liver metastases after neoadjuvant chemotherapy

Reviewer's code: 01806391

Reviewer's country: Spain

Science editor: Fang-Fang Ji

Date sent for review: 2018-10-02

Date reviewed: 2018-10-05

Review time: 3 Days

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

The authors have investigated the existence of factors able to predict the histological response in 150 patients with liver metastases derived from colorectal cancer and receiving neoadjuvant chemotherapy. The results are very relevant showing a set of



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factors with predictive value for positive or negative histological response. Changes required: 1) The title is incorrect. The predictive information does not come from the histological study but just the opposite, predictive factors would permit to predict the histological response. Accordingly, the title should state: Predictive factors of histological response in patients with colorectal liver metastases after neoadjuvant chemotherapy. 2) Abstract: in the last paragraph of the Results subsection, "respectively" appears twice, however in both cases it is not clear what these comparison refer to. This paragraph must be rephrased to make it clear. 3) The Discussion section is very long and repetitive of results already described in the Results section.

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: 42297

Title: Predictive factors of histological response of colorectal liver metastases after neoadjuvant chemotherapy

Reviewer's code: 02742218

Reviewer's country: United Arab Emirates

Science editor: Fang-Fang Ji

Date sent for review: 2018-10-19

Date reviewed: 2018-10-19

Review time: 3 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

SPECIFIC COMMENTS TO AUTHORS

In this study authors have analyzed the histological response of colorectal liver metastasis after neoadjuvant chemotherapy and identified that the absence of a radiological response and extended neoadjuvant chemotherapy, comprising more than



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seven treatment sessions, are the two most pertinent predictive factors of non-histological response. They also confirmed that the histological response of colorectal liver metastases after neoadjuvant chemotherapy has an influence on survival and hence warrants being considered. However, this influence on overall survival was lacking in cases of particularly aggressive disease with microscopic vascular invasion on the histological analysis. Overall the study is very well designed and also well written. However, the data presented in the form of tables is lacking multiple logistic regression analysis. Further, I would advise reduction in the number of tables as much of the information is already included in the text.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 42297

Title: Predictive factors of histological response of colorectal liver metastases after neoadjuvant chemotherapy

Reviewer's code: 01047294

Reviewer's country: Japan

Science editor: Fang-Fang Ji

Date sent for review: 2018-10-02

Date reviewed: 2018-10-20

Review time: 17 Days

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 checked="" 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

The authors evaluated the predictive factors of the histological response of colorectal liver metastases (CRLMs) after neoadjuvant chemotherapy (NAC). And the authors found that a non-radiological response and a number of neoadjuvant chemotherapy > 7



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were the two most pertinent predictive factors of non-histological response (TRG 4 or 5) Please clarify these points described below. Method Patients for whom the primary tumor was resected or who had chemotherapy at another center were also included. Why the authors included these patients in this study? How the authors evaluated the patients who were received chemotherapy at another center? And the patients for whom the primary tumor was resected were liver first procedure group? What is ASA score? Please full spelling at the first description. radiological evaluation (e.g., the number of lesions and the response to the treatment) How did the authors use the radiological evaluation? I cannot understand well only with this "e.g." information. Reslts repeat liver resections What were the reasons of repeat liver resections? more than 7 NAC sessions Was there no rule (how many times should perform) of NAC sessions?

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 42297

Title: Predictive factors of histological response of colorectal liver metastases after neoadjuvant chemotherapy

Reviewer's code: 03475120

Reviewer's country: Japan

Science editor: Fang-Fang Ji

Date sent for review: 2018-10-19

Date reviewed: 2018-10-24

Review time: 4 Days

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
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This paper is well-written. Histological response after neoadjuvant chemotherapy may show the discrepancy from radiological response, because some viable tumors after NACs showed necrotic changes without size changes. Please discuss this point, even if



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your results of histological response were similar with radiological responses. How to recognize the tumor viability by image study should be described in detail.

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 42297

Title: Predictive factors of histological response of colorectal liver metastases after neoadjuvant chemotherapy

Reviewer's code: 03317017

Reviewer's country: China

Science editor: Fang-Fang Ji

Date sent for review: 2018-10-19

Date reviewed: 2018-10-28

Review time: 9 Days

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
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		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
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SPECIFIC COMMENTS TO AUTHORS

Recommendation accepted

INITIAL REVIEW OF THE MANUSCRIPT



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