

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 46048

Title: Sarcopenia in pancreatic cancer – effects on surgical outcomes and chemotherapy

Reviewer's code: 03706476

Reviewer's country: China

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-03-11 17:30

Reviewer performed review: 2019-03-11 18:14

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 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 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 an interesting report. Abstract: "Most studies showed no significant difference in perioperative outcomes between sarcopenic and non-sarcopenic groups." This sentence is confusing as an independent one. The authors should report more background information on pancreatic cancer. Some literatures for information:



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<https://www.ncbi.nlm.nih.gov/pubmed/29158237>

<https://www.ncbi.nlm.nih.gov/pubmed/30126408>

<https://www.ncbi.nlm.nih.gov/pubmed/29923613> "Sarcopenic and non-sarcopenic patients had no difference in hospital stay, intensive care unit stay, or overall morbidity rate." This should be "no statistically significant difference". "Sarcopenia was not associated with increased hazard of 90-day mortality (hazard ratio [HR] 2.31, 95 % confidence interval [CI] 0.78 - 6.77; p=0.13). However, it was found that sarcopenia was strongly associated with long-term survival." These descriptions are also not statistically or epidemiologically sound enough. I would strongly suggest that the authors have their paper carefully reviewed by a statistician/clinical epidemiologist. While the authors have attached a language certificate, but I have still detected some minor language flaws which should be improved with the help of a native language speaker. I would strongly encourage the authors to conduct some quantitative methods (e.g., meta-analysis) for some results where appropriate. The patient and tumor characteristics, design, and quality of investigations cited should be reported in further detail. For instance, "In the study by Peng et al. in 2012 (10), the 3-year survival rates of men (non-sarcopenic 39.2% vs sarcopenic 20.3%; p <0.05) and women (non-sarcopenic 40.8% vs sarcopenic 26.1%; p<0.05) were both significantly lower in the sarcopenic group. " This is confusing without a detailed context. "Such finding is different from what was reported in another study by the same group on hepatectomy for colorectal liver metastasis, where only short-term outcomes but not long-term survival were adversely affected by sarcopenia " How could the authors compare results between different tumor entities? The authors are encouraged to further provide an "Outlook" part. Furthermore, how would they foresee the future clinical strategies taking into account sarcopenia?

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: 46048

Title: Sarcopenia in pancreatic cancer – effects on surgical outcomes and chemotherapy

Reviewer's code: 03766580

Reviewer's country: Greece

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-03-08 07:57

Reviewer performed review: 2019-03-15 15:47

Review time: 7 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 checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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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

The present mini-review is a very nicely written one with concrete conclusions

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:



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- ☐ [Y] No

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- ☐ [Y] No