



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36379

Title: Differential analysis of lymph node metastasis in histological mixed-type early gastric carcinoma in the mucosa and submucosa

Reviewer's code: 02510166

Reviewer's country: Martinique

Science editor: Ze-Mao Gong

Date sent for review: 2017-10-06

Date reviewed: 2017-10-15

Review time: 9 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an interesting and well written paper. However, the statistical analyses need to be refined. In the current version, the authors proceed to do two embedded subgroup analyses: one subgroup analysis according to mucosa-submucosa classification (= 2 levels), and another subgroup analysis according to histological type (mixed, Undifferentiated, and Differentiated= 3 levels). This is a confusing and inefficient approach highly likely to cause spurious findings. In Table 2, n=17 cases for MT, and in Table 3, n= 24 for MT and n=20 for Pure U. The small size of these subgroups cause quizzical odds ratio. Thus, in Table 4, LV invasion present vs. absent is associated with an OR whose confidence interval is 1.75-106.28 (univariate) or 1.39-125.30 (multivariate). A hundred-fold confidence interval indicates unreliability. No test has been performed to compare whether the risk of LNM differ significantly between the mucosa and



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submucosa localisation. The discussion's statement that "the mixed-type group and pure U group showed similar aggressive behavior and LNM rate, regardless of if it was mucosal or submucosal EGC" is not supported by any test. This reviewer suggests that the statistical analyses might be reconsidered by modeling LNM as a function of localisation (mucosa-submucosa), of histological type (mixed, U and D), and other covariates, do interaction tests regarding localisation and histological type, then consider grouping the levels if the tests of interaction appear clearly non-significant.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36379

Title: Differential analysis of lymph node metastasis in histological mixed-type early gastric carcinoma in the mucosa and submucosa

Reviewer's code: 00039368

Reviewer's country: Estonia

Science editor: Ze-Mao Gong

Date sent for review: 2017-10-06

Date reviewed: 2017-10-17

Review time: 10 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

This is well designed and performed clinical retrospective study for analyzing the relationship between the histological type of early gastric cancer and lymph node metastasis. The authors investigated retrospectively the data of 298 patients who underwent gastrectomy. The rate of lymph node,metastasis (LNM) was compared in patients with histological mixed-type, pure undifferentiated and pure differentiated early gastric cancer in the mucosa and submucosa. The authors found that the rate of LNM was significantly higher in the mixed type as well as in the pure undifferentiated group regardless of the mucosal or submucosal type of early gastric cancer. The mixed-type group and pure undifferentiated group showed similar aggressive behavior in both mucosal and submucosal EGC. In submucosal EGC the pure undifferentiated as well as mixed type were independent predictors of LNM. The study is set up



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correctly. Introduction gives a good overview of the study background and the authors raised clearly the aim of the study. The aim of the study is fulfilled. The material studied is large enough and allows to draw the conclusions. The Figure and 5 Tables give a good overview about the results. However, the text of the Discussion is quite difficult to follow and the Conclusion is not clear.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36379

Title: Differential analysis of lymph node metastasis in histological mixed-type early gastric carcinoma in the mucosa and submucosa

Reviewer's code: 01557574

Reviewer's country: Turkey

Science editor: Ze-Mao Gong

Date sent for review: 2017-10-20

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Review time: 3 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Dear Author, This article title with “Endoscopic ultrasound-guided fine-needle aspiration for diagnosing a rare extraluminal duodenal gastrointestinal tumor” it should be published at WJGO. It has new informations and it makes a new contribution for Gastroenterologists. Sincerely yours.