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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7799

Title: Chromoendoscopy of gastric adenoma using an acetic acid indigocarmine mixture

Reviewer code: 00724564

Science editor: Wen, Ling-Ling

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[] Grade A (Excellent)	[] Grade A: Priority Publishing	Google Search:	[] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[] Existed	[] High priority for publication
[] Grade C (Good)	[] Grade C: a great deal of language polishing	[] No records	[] Rejection
[] Grade D (Fair)	[] Grade D: rejected	BPG Search:	[] Rejection
[] Grade E (Poor)		[] Existed	[Y] Minor revision
		[] No records	[] Major revision

COMMENTS TO AUTHORS

For successful treatment (endoscopic mucosa/submucosal resection or laparoscopic gastrectomy) in patients with early gastric carcinoma (EGC) it is crucial to determinate the lateral extent of the tumor. In this paper the authors evaluated the usefulness of novel chromoendoscopy procedure using an acetic acid indigocarmin mixture (AIM-CE) for detection of EGC in lesions initially diagnosed as gastric adenoma by forceps biopsy. The procedure was followed by endoscopic submucosal resection. It was found that sensitivity of AIM-CE for recognizing the margins of EGC is significantly higher than that of white light endoscopy (WLE), but there is not difference in specificity and accuracy. The authors concluded that AIM-CE is a safe, easy and cost-effective method in the diagnosis of EGC. The results are interesting and promising for clinical practice as a screening test for EGC. I have some remarks: The text of paper has to be revised because there are many unclear sentences (in the section Introduction - the first sentence, in the second paragraph second and fourth sentences). In the section Material and methods paragraph - Endoscopic procedure - have to be cited their own method (paper number 12 from the references), after that have to be briefly explained used method. In the same paragraph the place of the figure 1 and 2 is not correct. They need to be placed in the section Results. In paragraph statistical analysis the respective analysis have to be shown for which of the data are used. In section Results the paragraph Age and gender is commented only the difference between adenoma and adenocarcinoma in female. In the paragraph Tumor size is not shown the test for statistical analysis and is written only the p value. If the test is Mann Whitney have to be written the Z value. In the same section have to be commented also the other data shown in table 1 where missing the p values for some of investigated categories. Table 2 is unclear and have to be omitted from the text because its content is explained. In the text very often is missing the p values for



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significant differences. They have to be shown independently that they are reflected in the tables. All captions of the table have to be précised for example table 4 - Data from the logistic regression, table 3 - Data from evaluation of diagnostic... In the section Discussion the second paragraph, the sixth and seventh sentences have to be revised. In the third paragraph third sentence - the cited authors are without year. In the last paragraph second sentence have to be revised. In the figures with arrow have to be shown the area where there are changes of the reddish colour which will make easier the perception.