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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 4947

Title: Impairment of secondary peristalsis in Barrett's esophagus by transnasal endoscopy-based testing

Reviewer code: 00831111

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-08-05 19:03

Date reviewed: 2013-08-21 00:29

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The authors investigated dysfunctions in esophageal peristalsis and sensation of patients with Barrett's esophagus induced by acid infusion using endoscopy-based testing. I have some minor concerns: 1. Table 4, it is interesting that there is no difference between the frequency of secondary contraction induced by acid and that induced by saline. How do the authors explain this phenomenon? In the future testing, acid infusion might be replaced with saline infusion because acid infusion may cause further damage to the patients. 2. Criteria for Barrett's esophagus should be mentioned in the methods because USA and Japan have different criteria. 3. Page 11, "Previous studies have demonstrated that patients with Barrett's esophagus have impaired sensitivity to esophageal distention as well as visceral sensitivity to acid perfusion." Please provide a reference. 4. Abstract is too long and needs to be shortened. 5. Many grammar errors need to be corrected.



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ESPS Manuscript NO: 4947

Title: Impairment of secondary peristalsis in Barrett’s esophagus by transnasal endoscopy-based testing

Reviewer code: 01560052

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-08-05 19:03

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
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<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
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COMMENTS TO AUTHORS

Major point

Authors evaluated esophageal peristalsis in only five healthy subjects and confirmed the concordance of esophageal peristalsis as assessed by manometry and propulsive contraction determined endoscopically. The evaluation of the patients with dysmotility of the esophagus is needed to confirm that.

The controls were younger than patients with Barrett’s esophagus. Aging may influence the motility of the esophagus. How the controls were selected? This is case control study, so, authors should use the age matched controls in this study to avoid the influence of aging.

Minor point

P2 L5 There is the article mistake, “An transnasal endoscopy” should be changed to “A transnasal endoscopy”.

What is the temperature infused physiological saline and HCl? Because the temperature may be influence the sensitivity or motility, the authors should describe it in the methods.

Authors should describe the type of the kit of *H.pylori* antibody.

Authors should describe the definition of Barrett’s esophagus in details. Is it proven by histology including specialized intestinal metaplasia?

Author should describe the definition of smokers and drinkers in details.