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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6570

Title: A New Wireless Esophageal pH Capsule (JSPH-1) for the Diagnosis of Patients with GERD: A Multicenter Clinical Study in China

Reviewer code: 00225277

Science editor: Ya-Juan Ma

Date sent for review: 2013-10-25 17:58

Date reviewed: 2013-11-04 05:58

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

COMMENTS TO AUTHORS

Testing new devices is always necessary and welcome. In the text, the results exceed the aim of the study. For this reason the aim should be appropriately restated. Moreover the aim "clinical feasibility" is excessively diffuse and should be more specific. In Results there are some questions that should be introduced and answered. - How many patients were free of symptoms during pH capsule recording (during the first 24, 48 hours and all the recording time)? - Were there differences in tolerance and data recording in the group of pH-capsule alone and in the group with pH-capsule plus standard monitoring? What are the advantages in prolonged pH-recording suggested in the Discussion? Specific comments L 124-125 and L 135 The capsule calibration has been repeated. L 212-215. The symptoms of the 91 patients would be better (seen) understood in a table. The paper is well designed. The Introduction, Methods, Results and Discussion are adequate and the references are up to date. .



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ESPS Manuscript NO: 6570

Title: A New Wireless Esophageal pH Capsule (JSPH-1) for the Diagnosis of Patients with GERD: A Multicenter Clinical Study in China

Reviewer code: 00182114

Science editor: Ya-Juan Ma

Date sent for review: 2013-10-25 17:58

Date reviewed: 2013-12-22 22:07

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
<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)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input checked="" type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Dear Author As conventional catheter pH monitoring produces discomfort and interferes with daily activity, you introduce a new wireless pH capsule as an alternative method for pH monitoring for the diagnosis of GERD. You conclude that the wireless pH capsule provides a feasible and safe method for monitoring reflux in GERD and therefore may serve as an important tool for the diagnosis of GERD. This is very interesting paper. I ask some question. 1.(page 12) Please explain the genesis saying "However, the total median duration of pH<4.0 recorded by the 2 devices was significantly different (p=0.014)". 2.(page 16) Our study confirms the feasibility and safety of the JSPH-1 pH capsule for esophageal pH monitoring, especially for patients with typical symptoms and negative endoscopies. Typical symptom and negative endoscopies is NERD. How many NERD patients are there in your study? 3. Fig 3 is same data of Table 2. Please omit Fig 3 or Table 2. 4. There are Table 1,2, Fig 1-5, and Table S1,2 Fig S1,2,3,4 in your paper. Please omit Fig and Table which you need not publish. Fig and Table is too much in your paper. 5. From my impression, you need not publish supplemental information. You had better write your supplemental data at "discussion" in your paper.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6570

Title: A New Wireless Esophageal pH Capsule (JSPH-1) for the Diagnosis of Patients with GERD: A Multicenter Clinical Study in China

Reviewer code: 00068472

Science editor: Ya-Juan Ma

Date sent for review: 2013-10-25 17:58

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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
<input checked="" 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)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

General The authors address the feasibility and safety of a new wireless pH capsule to monitor esophageal pH in GERD. They concluded that the wireless pH capsule is a safe, effective and well-tolerated method for monitoring esophageal pH in patients with GERD.

Specific comments

- ?The English language needs some improvement.
- ?The authors should explain why the upper age limit was only 65 years.
- ?How can be explained the differences between the results obtained with wireless pH capsule and conventional pH measurement system (MMS) regarding: opH<4, total time (min) (the difference was significant, P=0.01) onumber of reflux episodes >5 min (p=0.058)
- ?Two capsule required endoscopic removal due to chest pain. After removal of capsule did the chest pain discontinue?
- ?An objective questionnaire form monitoring adverse events during the pH capsule monitoring period would be necessary to provide further important information with this technique.



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Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6570

Title: A New Wireless Esophageal pH Capsule (JSPH-1) for the Diagnosis of Patients with GERD: A Multicenter Clinical Study in China

Reviewer code: 00037682

Science editor: Ya-Juan Ma

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Date reviewed: 2013-12-23 22:28

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" 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
<input checked="" 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)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is a relatively straight-forward paper on an alternative capsule pH system. The work in itself is not very unique but does add to the literature in that it carries out a nice direct comparison between capsule and traditional pH studies. Minor edits Page 6 - Line 112 the word "could" should be replaced with "was" Page 6 - Line 114 the word "could" should be replaced with "was" Suggest heading on line 217 - page 10 should be replaced with "Placement of the Capsule" Page 14 - line 292 "ligther" should be spelled "lighter"



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6570

Title: A New Wireless Esophageal pH Capsule (JSPH-1) for the Diagnosis of Patients with GERD: A Multicenter Clinical Study in China

Reviewer code: 00227577

Science editor: Ya-Juan Ma

Date sent for review: 2013-10-25 17:58

Date reviewed: 2013-12-25 03:39

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" 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
<input checked="" 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
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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

The study evaluated a new pH device in comparison with the similar products on the market. The result showed a marginal advantage of the new device over others. 1. The device is still too big, which is the main reason for the adverse effects that the patients reported. 2. The idea is still within the traditional thinking, not much of novelty. I would encourage the researchers to seek breakthroughs from the conventional way of pH measurement.