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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 42128

Title: Autonomic functions and gastric motility in children with functional abdominal pain disorders

Reviewer's code: 02454185

Reviewer's country: China

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-18

Date reviewed: 2018-09-18

Review time: 4 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
<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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Although the study failed to identify significant association between autonomic function and AP-FGIDs, the hypothesis is good and worthy investigation since there has been evidence of the link in adult population. I have several comments for the authors to

consider: 1. how did you recruit your control children? from community or school ? more details are needed. SINCE the control population can be large, did you use the random technique to screen children? 2. In statistical analysis, did you still use t test when data are non-normal? remember that the assumption for t test is normal data. suggest to cite a reference for the statistical description (Ann Transl Med. 2016 Mar;4(5):91. doi: 10.21037/atm.2016.02.11.). 3. Since you have matched age and gender for the two groups, the age should be exactly the same, but the result showed conflicting results (7.9 vs. 8.6 years). 4. Fig 1 provides a good theoretical framework for the study, but the study is simply an observational study (case-control) that cannot help to identify causal relationship between these items. thus, I suggest to remove the figure. other advanced models such as structrul equation model may be helpful in this situation. 5. one reason for the non-significant results may be due to limited sample size and the authors have not performed sample size calulation prior to study.

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 Gastroenterology

Manuscript NO: 42128

Title: Autonomic functions and gastric motility in children with functional abdominal pain disorders

Reviewer's code: 03592864

Reviewer's country: Greece

Science editor: Xue-Jiao Wang

Date sent for review: 2018-09-26

Date reviewed: 2018-10-04

Review time: 8 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input checked="" 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input checked="" type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Interesting and well designed study that has a definitive conclusion to the pathophysiology of the investigated subject. Minor syntactical and spelling correction are needed, mainly regarding the spacing between words.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- ☐ No