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ESPS Peer-review Report

Name of Journal: World Journal of Gastrointestinal Pathophysiology

ESPS Manuscript NO: 11571

Title: Zinc and Gastrointestinal Disease

Reviewer code: 00577234

Science editor: Fang-Fang Ji

Date sent for review: 2014-05-29 08:06

Date reviewed: 2014-06-22 21:01

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)		BPG Search:	<input checked="" 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

Comments to Manuscript_20140528002402 This study reviewed the association of zinc and diverse gastrointestinal diseases. It was well organized. However, several minor concerns need to be clarified before it could be published.

1. Since a lot of diseases were discussed in the manuscript, one or two table is needed to summarize the relationship between zinc and gastrointestinal disease. It will make the complicate relationship clear to the readers.
2. The "Zinc and Epithelial Barrier Function" section need to be shortened, because most of the text talk about TJs which is not a major topic of this manuscript. It tends to make readers confuse.
3. The references need to be updated, some papers published in recent years need to be added.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastrointestinal Pathophysiology

ESPS Manuscript NO: 11571

Title: Zinc and Gastrointestinal Disease

Reviewer code: 00053644

Science editor: Fang-Fang Ji

Date sent for review: 2014-05-29 08:06

Date reviewed: 2014-07-07 22:48

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)		BPG Search:	<input checked="" 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

This review is good and interesting. Some observations: 1) It is important to consider both the form in which the zinc is administered (sulfate, acetate, chloride) both the type of administration (injections i.p. or s.c. or oral), page 4-5 2) It would be appropriate that the authors discuss briefly that zinc supplementation in vitro induces apoptosis (Chang et al., 2006; Weissgarten et al., 2002). There is also in vivo evidence that excessive dietary zinc intake can induce pathological conditions that have been associated with oxidative stress (Yanagisawa et al., 2004). These contrasting data may be accounted for the different concentration of zinc used in these studies, a very important variable which should be carefully considered 3) I suggest the authors to consider leaving some paragraphs or add others, such as: a) The title of the review is "Zinc and Gastrointestinal Disease". So why do the authors deal with Alzheimer's Disease? Then they could also discuss Wilson's disease. b) Zinc treatment also protects against copper and iron, not only cadmium (Formigari et al., 2007; Irato et al., 2001; Medici et al., 2007; Santon et al., 2008) 4) Attention to characters to subscribe for example at page 15 and 16 ZnSO4