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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

ESPS manuscript NO: 23051

Title: Proton-pump inhibitor-induced hypomagnesemia: Current research and proposed mechanisms

Reviewer's code: 00465176

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2015-10-18 21:26

Date reviewed: 2015-10-19 05:06

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

This manuscript addresses a newly recognized topic. Although the evidence is limited and the manuscript is largely hypothetical it is still a significant contribution. The manuscript can be shortened significantly. Most of it is description of known physiology about Mg transport which is important to understand the hypothesis but the text can be substituted with a summary figure showing the pathways and also a table. IN addition the limited evidence can be summarized in a table showing all the case reports and clarify the duration of exposure, timing to identify the hypomagnesemia after PPI exposure etc with the appropriate references. Then in a separate table the limited studies can be presented and the duration of exposure and timing to identify low MG should also be clarified. The author does summarize the limitations of the studies and this can be done more specifically per study in a summary table. Is Figure 1 original figure or was copied from another publication? This needs to be clarified.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

ESPS manuscript NO: 23051

Title: Proton-pump inhibitor-induced hypomagnesemia: Current research and proposed mechanisms

Reviewer's code: 00037028

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2015-10-18 21:26

Date reviewed: 2015-10-21 02:40

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Very nice paper on a well recognized, but not well understood topic. Acronyms on pages 3 and 5 should be spelled out the first time they are used in the paper. The second sentence in the bottom paragraph on page 5 could be reworded for better clarity. All references need to be put in the proper format with DOI and PMID.