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OPEN PEER REVIEW

Effects of *Helicobacter pylori* Infection Before and After Eradication Treatment on Physical Development and Nutritional Indicators of Children

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About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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1 Original submission

1 comment · 1 Feb 2024

Referee 1 Reviewer

MINOR REVISION 1 Feb 2024

Dear author,
This is a valuable study, but I have some questions about this research.
1- Most references recommend PPI in 2 separate doses for H. pylori eradication. Did you advise 1 or 2 doses of PPI/day?
2- Did all the H. pylori-positive kids respond to treatment? If not, how many kids responded to eradication therapy? Did those patients leave the study?
3- Were low levels of vitamin D the result of H. pylori infection or a predisposing factor for it?
4- The text needs some language and grammar corrections.

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Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Reviewer 1:

Dear author,

This is a valuable study, but I have some questions about this research.

1- Most references recommend PPI in 2 doses separately for H. pylori eradication, whether or not you advised 1 or 2
doses of PPI /day.

Answer: Thanks for your comments.According to the Chinese Guidelines for the Treatment of H.pylori Infection, we have used omeprazole to eradicate H.pylori. The specific usage is omeprazole orally twice a day at a dose of 0.6-1.0mg/kg.d, with a maximum dose of 20mg per time(see 3.2 methods).

2-Had all the H. pylori-positive kids respond to treatment? If not, how many kids had responded to eradication therapy? Did those patients exit from the research?

Answer: Thanks for your comments.All children who are positive for H.pylori have responded to treatment, as explained in the article.

3- Had low levels of vitamin D been the result of H. pylori infection, or the predisposing factor for it?

Answer: Thanks for your comments. Our research findings suggest that H.pylori infection may cause digestive system symptoms and affect the levels of vitamin D.

4- The text needs some language and grammar editions.

Answer: Thanks for your comments. We have made corrections to the language and grammar errors.

Reviewer 2:

Thank you, it is necessary to pay attention to the following items.

1- In the method part, according to the age range of patients up to 14 years old, the dose of amoxicillin can be given up to one gram twice a day. Explain this point.

Answer: Thanks for your comments. We made a writing error,According to the Chinese Guidelines for the Treatment of H.pylori Infection, Amoxicillin was given orally twice a day at a dose of 50 mg/(kg·d), with a maximum single dose of 1 g.

2- It was mentioned in the summary that the type of study is retrospective, but the design of the method is not compatible with it. Please explain it.

Answer: Thanks for your comments. This is our expression error and has been corrected.

3- Please review the English text again.

Answer: Thanks for your comments. We have made corrections to the language and grammar errors.

4- Keywords are not related to the title of the article. It is better to add the keyword related to physical Development.
Answer: Thanks for your comments. We have re extracted the keywords.

Associate Editor's Comments:

Associate Editor 1:

Dear Author, please correct keywords. This article needs English editing. please describe the effect of seasonal variation on Dear Author, please correct the keywords. This article requires English editing. Please describe the effect of seasonal variation on vitamin D3 levels in two groups.vitamin D3 levels in two groups.
Answer: Thanks for your comments. We apologize that this study only analyzed the vitamin D levels of children enrolled and treated for 1 year, without considering the effect of seasonal variation on vitamin D3 levels. Therefore, we did not discuss the effect of seasonal variation on vitamin D3 levels. In the future, we will specifically study the effect of seasonal variation on vitamin D3 levels of children infected with H.pylori Infection.

EIC Decision:

Thank you for submitting your manuscript to Iran J Pediatr. Two reviewers and an Associate Editor have now reviewed your manuscript. I now have the Referees' reports, which suggest that your manuscript might be suitable for publication following some revisions. I have attached some reviewer comments and invite you to submit a revised version of your manuscript addressing the points made.
Answer: Thanks for your review, we have revised the according to these comments.

2 Revision 1

0 comments

No public comments in this round.