

PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 58598

Title: Treatment of H. pylori infection in children: a systematic review

Reviewer's code: 00183463

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: Brazil

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-07-29 14:42

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

General comments to manuscript 58598: Study evaluates the results of the RCT on the effectiveness and side effects of HP eradication regimens in the pediatric population. It emphasizes the limiting successes of existing therapies, especially with triple therapy, and lack of data about antibiotic resistance in pediatric population. The authors did not include all available data on antibiotic resistance (e.g. Kori M, et al registry data: Helicobacter Pylori Infection in Pediatric Patients Living in Europe, Results of the EuroPedHP Registry 2013-2016, JPGN 2020, etc.) The quality of the study is moderate due to inclusion of only studies with free full text available and the general lack of quality data in the pediatric population.. The authors suggests the need for further research in multicentric controlled studies with well defined designs in order to change the common practice and recommendations of existing guidelines for pediatric population. Bearing in mind the analysis done which would be the proposed algorithm and optimal regimen for treating HP infection in children? Please further explain the position on the possible need for assessment of primary and secondary resistance to the antibiotics in the pediatric population (bearing in mind the need for invasive methods) as well as the need to change the recommendations on the use 14-days triple therapy or quadruple therapy or even sequential therapy in the first and second line regimens (having in mind limited success of 7 days triple therapy in some studies). Further clarification of the the reasons for lower success rate with triple therapy is needed and of the safety profile of antibiotic use in pediatric population. . Criteria Checklist: Title, Abstract, Key words, Methods, Results, Biostatistics, Units, Ethics: no major changes needed. Discussion: needs further change according to the above general instructions to be more precise and clarified. Table 2: text in column named Goal needs to be shortened, there is a lot of repetition. Language needs serious and professional check up. Language changes: 1. Abstract : a. line 56: word change nitroimidazoles in



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nitroimidazoles 2. Main text: a. line 108: symbol , inserted b. line 135: sentence change to: ...H. pylori eradication leads to avoidance of duodenal ulcer recurrence and prevention of... c. line 136: deletion of double word many d. line 170: deletion were excluded e. line 207: inserted of f. line 208: text they were changed in was g. line 217: deletion of double sentence: The characteristics of the 20 selected studies are summarized in table 2. h. line 259: deleted to avoid future being and insertion of whereas, repetitive and is i. line 260: few inserted j. line 263: word change from diary to daily k. line 272: word change in to on l. line 273: word change those to those m. line 280: word change was to were, insertion of symbol % n. line 285: related inserted o. line 286: abbreviations OCA and OAA explanation needed p. line 303: word success inserted q. line 306: word effective inserted r. line 316 deleted : in this review s. line 318: word comparing changed to compared t. line 336 and 337: symbol – inserted u. line 349: word low changed to v. line 351: word described changed to related w. line 362: word change nitroimidazoles in nitroimidazoles x. line 371: word change Eradication to , eradication y. line 398: word change n to in z. line 399: word change nitroimidazoles in nitroimidazoles