

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6512

Title: Efficacy of a new PPI, ilaprazole in the treatment of duodenal ulcer: a meta-analysis

Reviewer code: 00504545

Science editor: Ma, Ya-Juan

Date sent for review: 2013-10-22 18:40

Date reviewed: 2013-12-16 04:02

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" 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)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This is a good review of "the state or art" through a meta-analysis study of this new PPI drug (Ilaprazol)

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

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Title: Efficacy of a new PPI, ilaprazole in the treatment of duodenal ulcer: a meta-analysis

Reviewer code: 00502803

Science editor: Ma, Ya-Juan

Date sent for review: 2013-10-22 18:40

Date reviewed: 2013-12-20 11:20

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Efficacy of a new PPI, ilaprazole in the treatment of duodenal ulcer: a meta-analysis by Xi-Qing et al.

Comments : This meta-analysis evaluated the efficacy of a new PPI- ilaprazole in the treatment of duodenal ulcer. It concluded that ilaprazole is a highly effective and safe PPI in the treatment of duodenal ulcer. Ilaprazole could be recommended as a therapy for acid related disorders. Major Criticisms 1. The main drawback of the study is that meta-analysis is based on a small number of trials (only four valid studies) and that too from a single region and some from the same group of authors. One of the trials included is an abstract and not a full published study. 2. It is not clear how the articles were included and then how they selected the five mentioned publications. 3. How the author has taken the details from the study by Song j et al if it in an abstract format? If the details are not published then it may not appropriate for the study to be included. 4. Although the I2 statistics shows a good homogeneity between the trials it may be irrelevant when the number is very small and some belong to the same authors. 5. "Meta-analysis showed no difference was found between the ilaprazole and other PPIs of 4w-healing rate. (89.7% vs 87.0%, RR 1.02, 95%CI: 0.98-1.06, Z=1.00, P=0.32). Meta-analysis indicated that the rate of side effects in the ilaprazole group was lower than that in the control group, but the difference was not significant." In spite of these results which has shown no difference between ilaprazole and other PPIs (most of the other studies mentioned have used omeprazole) how did the authors conclude that "ilaprazole is a highly effective and safe PPI in the treatment of duodenal ulcer. Ilaprazole could be recommended as a therapy for acid related disorders". It would be more appropriate to conclude that it is comparable to omeprazole in efficacy and side effects. There is no particular evidence from this MA as to why it should be recommended over the existing PPIs. 6. The article by Zhou et al (2009) appears to be published in a



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Flat C, 23/F., Lucky Plaza,
315-321 Lockhart Road,
Wan Chai, Hong Kong, China

journal which is not available on the PubMed. Hence accessing the article was difficult. 7. Overall it appears that the MA is premature to draw conclusions for the comparison of efficacy between ilaprazole vis-a-vis other PPIs. It would be more appropriate to wait for the publication of other trials especially from other parts of the world on the efficacy of ilaprazole so as to be included in a MA to draw authentic conclusions.

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6512

Title: Efficacy of a new PPI, ilaprazole in the treatment of duodenal ulcer: a meta-analysis

Reviewer code: 00058696

Science editor: Ma, Ya-Juan

Date sent for review: 2013-10-22 18:40

Date reviewed: 2013-12-29 03:21

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

We have carefully examined this new manuscript. This is a meta-analysis of published randomized controlled trials of ilaprazole evaluating its efficacy in duodenal ulcer healing and tolerability compared with other proton pump inhibitors. This analysis of 5 randomized controlled trials shows that ilaprazole has comparable (but not superior) efficacy to other proton pump inhibitors. The authors must be very clear that their results demonstrate equivalency and not superiority. This manuscript requires minor language polishing. In our minor comments: 1. In summary (abstract): under "results": second line: please consider deleting "was found" to improve the grammatical correctness of the sentence. 2. In Background: 1st line: please consider substituting "but was" with "has been"; second paragraph: 1st sentence: consider using "preclinical research" in place of "some preclinical researches"; 6th line: substitute "with" with "to have"; 3rd paragraph last line: substitute "and" with "with". 3. In Materials and Methods: 1st paragraph 5th line: substitute "searching terms" with "search term". 4. In Results: 1st paragraph 5th line: please consider a change in this sentence to "Four were published in English and the other was published in Chinese"; 7th line: would change to "All trials were of high quality except one". Would use "are" in place of "were". Under "Meta-analysis" line 4: would delete "was found". Under "Sensitivity analysis": 1st line: would add "with" after "dose 10mg/d". 2nd paragraph line 2-3: would delete "was found". 5. In Discussion: 2nd paragraph: line 4: would substitute "as" with "of". 3rd paragraph, line 2: would add: "the fact" after "due to".

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6512

Title: Efficacy of a new PPI, ilaprazole in the treatment of duodenal ulcer: a meta-analysis

Reviewer code: 02540714

Science editor: Ma, Ya-Juan

Date sent for review: 2013-10-22 18:40

Date reviewed: 2013-12-29 21:22

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> [Y] Grade B: minor language polishing	<input type="checkbox"/> [] Existed	<input type="checkbox"/> [] High priority for publication
<input checked="" type="checkbox"/> [Y] 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)	<input type="checkbox"/> [] Grade D: rejected	BPG Search:	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> [] Grade E (Poor)		<input type="checkbox"/> [] Existed	<input type="checkbox"/> [] Major revision
		<input type="checkbox"/> [] No records	

COMMENTS TO AUTHORS

To compare the efficacy and tolerance of ilaprazole compared with other PPIs in the treatment of duodenal ulcer. Study: Electronic databases including Medline, Embase, Cochrane controlled trials register, Web of Science, PubMed, Chinese Biomedical Literature Database (updated to July 2013), and manual searches were conducted. A meta-analysis of randomized controlled trials comparing the efficacy and tolerance of ilaprazole and other PPIs in the treatment of duodenal ulcer was performed. The study is well organized; results and their discussion are very detailed. The references, which include 28 items, are accurately selected and relevant. I believe that the manuscript should be accepted for publication in the Hindavi Publishing Corporation.