



Evaluation of the effect of three antibacterial therapies on eradication of *Helicobacter pylori*

Jia-Zheng Qian, Pei-Dong Chen, Li-Fang Wu

Jia-Zheng Qian, Pei-Dong Chen, Li-Fang Wu, Department of Gastroenterology, Shanshui Hospital of Traditional Chinese Medicine, Foshan 528100, Guangdong Province, China

Author contributions: All authors contributed equally to the work.

Correspondence to: Dr. Jia-Zheng Qian, Department of Gastroenterology, Shanshui Hospital of Traditional Chinese Medicine, Foshan 528100, Guangdong Province, China

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Abstract

AIM: To evaluate the effect of three kinds of anti-*Helicobacter pylori* (Hp) therapies on eradication of Hp.

METHODS: One hundred and fifty-one patients with confirmed presence of Hp were enrolled into the study, and were randomly divided into three groups A, B and C. Group A took Denol 120 mg tid, Amoxycillin 500 mg bid, Cimetidine 400 mg bid, and Metronidazole 200 mg tid; Group B Ranitidine 300 mg bid, Denol 120 mg tid, Furazolidonum 100 mg tid, Amoxycillin 500 mg bid; and group C Losec

20 mg qd, Amoxycillin 500 mg bid, Denol 120 mg tid, Famotidine 200 mg bid, respectively, for 2 wk. Endoscopy and ¹⁴C-UBT were repeatedly performed 4 wk after antimicrobial therapy ended.

RESULTS: The eradication rates of *H. Pylori* in Group A, B and C were 93.3% (36/39), 92.1% (35/38) and 95.0% (38/40), respectively, and there was no significant difference in the eradication rates between the three groups ($P > 0.05$). The ulcer healing rates in group A, B and C were 90.0% (9/10), 92.3% (12/13) and 91.0% (10/11), respectively, and there was no significant difference between the treatment groups, either. The incidence of drug-induced side-effect was similar among the three groups.

CONCLUSION: All the three anti-*H. Pylori* remedies are the treatment of choice in eradication of Hp.

Key words: *Helicobacter* infections/drug therapy; Amoxycillin/therapeutic use; Cimetidine/therapeutic use; Organometallic compounds/therapeutic use; Omeprazole/therapeutic use

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