



## Controlled clinical trial on cisapride in treatment of chronic cholecystitis

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### Abstract

**AIM:** A controlled clinical trial was conducted for evaluating the efficacy of cisapride in the treatment of chronic cholecystitis and for providing the clinical evidence that disturbed gastrointestinal motility may play roles in the development of gallbladder diseases.

**METHODS:** Totally 150 cases of chronic cholecystitis (60 male, 90

female, mean age 54 years) participated in the study. Cisapride was given 5 mg three times daily for 3 wk. Placebo was used for the control group ( $n = 95$ ).

**RESULTS:** The results showed cisapride significantly improved the symptoms including abdominal fullness ( $P < 0.001$ ), epigastric pain ( $P < 0.001$ ), nausea ( $P < 0.001$ ), early satiety ( $P < 0.001$ ), anorexia ( $P < 0.05$ ) and heartburn ( $P < 0.05$ ). Total efficacy rate of cisapride and placebo were 95.69% and 20.01% respectively ( $\chi^2 = 196.02$ ,  $P < 0.001$ ). The results suggested that disturbed gastrointestinal motility may have closed relationship with chronic cholecystitis and cisapride was effective in treatment of chronic cholecystitis.

**Key words:** Cisapride; Chronic cholecystitis

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