



## Dysmotility of remains of stomach in patients after proximal gastrectomy

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### Abstract

**AIM:** In order to explain improvement of dyspeptic symptoms in patients with proximal gastrectomy, the gastric emptying, electrogastrography (EGG) and effect of cisapride were studied in 16 cases with radiopaque markers.

**RESULTS:** The findings showed that the early post operation gastric emptying in patients was the same as that in controls, but later post

operation gastric emptying was significantly delayed ( $P < 0.01$ ). It is suggested that the loss of fundus storage function and the decrease of gastric peristalsis after proximal gastrectomy may affect the gastric emptying. EGG showed that 13 cases (81.2%) were gastric dysrhythmias. Further studies showed that there was no one to one correlation between the EGG and gastric emptying. A normal EGG recording may not guarantee normal gastric emptying. We found that cisapride significantly increased the rate of gastric emptying ( $P < 0.05$ ) but did not reach the normal levels, and improved the gastric dysrhythmias and dyspeptic symptom in a great number of patients with proximal gastrectomy.

**Key words:** Gastrectomy; Gastric emptying; Electrogastrography; Cisapride

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