*ABSTRACTS*

# Levels of motilin change in patients with gastric ulcer: Analysis of 32 cases

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## Abstract

**AIM:** The patients with gastric ulcer often have abnormal gastric emptying. Motilin can stimulate the movement of stomach. It is studied that the motilin change before and after treatment in the patients with gastric ulcer.

**METHODS:** There are 32 cases diagnosed by endoscopy. Plasmic motilin was tested before and two weeks after treatment. 18 cases were tested again 2 mo later. The plasmic motilin was tested by motilin RIA kit.

**RESULTS:** Compared with controls, there were no significant in plasmic motilin before treatment. But the levels of motilin returned to normal 2 mo later.

**CONCLUSION:** Motilin release is affected by the volume of stomach, acidity in the duodenum and movement of stomach, recovery of pyloric function and excitation of vagus. These factors also stimulate the release of motilin. After the ulcer is healed, the levels of motilin in patients with gastric ulcer can be used as an objective index to evaluate the effect of treatment.

**Key words:** Motilin; Gastric ulcer

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