



Clinical character and treatment in 70 cases with idiopathic gastroparesis

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Abstract

AIM: To investigate clinical character of idiopathic gastroparesis.

METHODS: 70 cases with idiopathic gastroparesis, male 23, female 47, made up 22.7% of the functional dyspepsia patients (70/309), age 14-67 and the course of disease was 1 to 12 years. All patients underwent gastroscopy and histological examination of gastric mucous membrane.

RESULTS: It was showed that antral motility decreased in 70 patients or disappeared in 40 patients and food was retarded in body and fundus of gastrum in 28 patients. The shape was normal but the closing and opening was reduced in pylorus. There were 66 simple mild gastritis and 4 atrophy gastritis. The 40 patients underwent

gastrointestinal barium examination. It was showed that gastric motility decreased and gastric emptying postponed. The 30 patients underwent gastric ultrasound. It was showed that gastric antrum broadened and a liquid gastric emptying was more postponed than 28 health controls ($P < 0.05$). Electrogastrography permitted measurements of gastric electrical activity in 70 patients. It was showed that there were 14 patients with tachygastria, 38 patients with dysrhythmia, 10 patients with bradygastria and 8 patients with lower gastroelectrical amplitude. Treated with cisapride (30 mg/d) for 4 wk, the symptoms were improved in all patients and abnormal electrogastrography were corrected in 24 cases and improved in 13 cases. The symptoms recurred in 58 patients which must be treated with prokinetic for 8-12 wk. 6 patients have to be treated with prokinetic for a long time.

CONCLUSION: Idiopathic gastroparesis is not few in gastric ultrasound and electrogastrography have diagnostic value to idiopathic gastroparesis and provide basis for determining curative effect of the medical treatment.

Key words: Idiopathic gastroparesis; Clinical character; Treatment

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