



Analysis of 21 cases with gastroduodenal diseases by electrogastrography

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Abstract

AIM: In order to evaluate the clinical values of EGG, the study of one hundred and ten cases with gastroduodenal diseases by EGG was carried out. This paper will report 21 cases with the complete clinical data, EGG and gastroduodenoscopy data at the same time.

METHODS: 21 cases with gastroduodenal diseases were studied. They were 47.3 years on the average. The manifestations are abnormal distention, satiety, nausea, sour regurgitation, eructation, and melena, uncomfortable or pain at the upper abdominal part. EGG, gastroduodenoscopy, gastric acid and biopsy for testing *Helicobacter*

pylori were performed in each patient. The instrument WCDF3 was used for EGG. Before examination of EGG, all of them were forbidden to take any drugs or wine.

RESULTS: The results of EGG in 21 cases showed that Fp of 11 cases was < 2.0, Ap of 20 cases was normal, Ap of one case was abnormal. M value of 11 cases was less than 23, Fc of antrum of 9 cases was < 2.0. There was high frequency in nine cases, the highest level reached 24.4%. The high wave was seen in 2 cases with the gastric ulcer. The results of gastroduodenoscopy: 10 cases with CSG + CEG, 3 cases with CSG, 2 cases with CAG, 2 cases with GU + CSG, 2 cases with DU + CSG, 2 cases with chronic verrucous gastritis.

Key words: Electrogastrography; Gastroduodenal disease; Gastroduodenoscopy

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