



Evaluation of superficial intestinal electrogram in diagnosis of irritable bowel syndrome

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Abstract

AIM: Irritable bowel syndrome (IBS), one of the most common diseases of digestive system, is thought as an intestinal dysfunction disease. The purpose was to observe the specific changes of intestinal electrogram (IEG) in IBS and evaluate the significance of IEG in the diagnosis of IBS.

METHODS: The superficial IEG in 56 patients with IBS and 20 healthy controls was recorded by using model EGEG-5D computer system.

RESULTS: The IEG in patients with IBS had specific changes. The specific IBS IEG was the abnormal slow wave superiority waves that appeared 3 times per minute continuously and contained many complexes, and it had not been found in 20 controls.

CONCLUSION: This study showed that IEG had a useful function in the diagnosis of IBS.

Key words: Intestinal electrogram; Irritable bowel syndrome

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