



## Evaluation of manometry in 59 patients with esophageal diseases

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### Abstract

**AIM:** Using the polygraph HR manometry examination system, features of esophageal manometry were studied in 12 healthy person and 59 patients with esophageal diseases. The results showed that 6 patients with achalasia had the characteristic manometry abnormality, in 28 patients with nonspecific esophageal motility disorders, main

manometric features were simultaneous, retrograde, spontaneous and repetitive contractions and low amplitude. The response to wet swallows (> 30%) in patients with diffuse esophageal spasm was mainly simultaneous and repetitive contractions. In the site of the esophageal neoplasm, there were often high pressure and spasmodic changes, and generally secondary motility disorder of esophagus. We concluded that esophageal manometry was useful in the diagnosis of esophageal muscular diseases and helpful in early and differential diagnosis of cardiac diseases.

**Key words:** Esophageal manometry; Achalasia; DES; Esophageal carcinoma

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