



## Observation on esophageal motility function in 25 elderly subjects

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### Abstract

**AIM:** To investigate the characteristics of esophageal motility function in the elderly.

**METHODS:** Triple lead, air conduction slow pull through method.

**RESULTS:** The aged people tend to have reduced pressure in lower esophageal sphincter, increase in multiple contraction waves in the body of esophagus, diminished conduction function and reduced pressure in the upper sphincter too. In the group with esophageal hernia the pressure of lower esophagus was lower than that of the control group but had no statistical significance.

**CONCLUSION:** It is necessary to conduct esophageal motility function testing in the aged people with acid reflux symptoms after manometry, lower esophageal sphincter pressures, hiatus hernia.

**Key words:** Esophageal; Motility; Function

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