

Analysis of 24-h esophageal pH motiroring in esophageal and caridac cancer

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Abstract

AIM: Esophageal pH monitoring for 24-h is usually considered as gold standard which has been widely used in the clinical practice, for testing and diagnosing diseases of gastroesophageal reflux.

METHODS: The patients esophagus and cardia 24-h pH were recorded.

RESULTS: The group of cardiac cancer has a mild physiological gastroesophageal reflux, but the group of esophageal cancer has a

severe pathological reflux. The differences have statistical meanings. We think that the results relate their prolonged diet time that is caused by swallowing difficulty, which increases the amount of secreting gastric acid relatively, destroys the integrated structure of esophagus, affects the normal peristalsis and clearing acid function of esophagus and the anti acid function of saliva because of relative decrease in the amount of saliva secreting.

CONCLUSION: A attention should be paid to phenomenon of esophageal acid reflux of esophageal and cardiac cancers and the treatment and living way of patients of 2 group should be depended on the conditions of 24-h esophageal pH monitoring, in order to improve the conditions of 24-h esophageal pH monitoring, in order to improve the integral treatment quality if the diseases.

Key words: 24h esophageal pH monitoring; Esophageal and cardiac cancer

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