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Analysis of endoscopic screening for upper digestive tract cancer in Danzhou from 2015 to 2017

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Objective: To analyze and evaluate the results of endoscopic screening for upper digestive cancer in Danzhou city of Hainan, China.

Methods: Totally 3008 subjects aged from 40 to 69 years old were selected by cluster sampling method for screening of upper digestive tract cancer in Danzhou from 2015 to 2017.

Results: In total, 13 cases (0.43%) of high grade intraepithelial neoplasia and cancer were detected. The detection rate of esophageal cancer, cardia cancer and gastric cancer was 0.07% (2 cases), 0.07% (2 cases) and 0.30% (9 cases), respectively. The diagnosis rate of early cancer was 92.31% (12 cases) and the treatment rate was 46.15% (6 cases).

Conclusion: Endoscopic Screening is an effective way to detect precancerous lesions and early cancer. The detection rate in Danzhou is lower than the national average. Improving the professional and management ability of screening project team, mastering the incidence and mortality trend of upper digestive tract cancer, is key to the implementation and evaluation of the project of early diagnosis and treatment of upper digestive tract cancer.

Keywords: Upper digestive tract cancer; Endoscopic screening; Esophagus neoplasms; Cardia cancer; Gastric neoplasms; Danzhou

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