gutflix
GI learning, personalised

Summary

GASTRIC CANCER INCIDENCE BASED ON ENDOSCOPIC KYOTO CLASSIFICATION OF GASTRITIS: A COHORT STUDY

Tatsuya Matsuno

UEG Week Copenhagen 2023 | Poster

Oesophagus

October 15, 2023

In a retrospective endoscopic surveillance cohort of 6718 patients followed for up to 5.02 years, high total Kyoto classification scores (≥ 4) were associated with significantly increased gastric cancer incidence, with hazard ratios ranging from 6.23 to 16.45 compared to low scores.

KEY POINTS

- Thirty-seven gastric cancers occurred in 34 patients during follow-up; all were superficial and within the submucosal depth, with 89.1% being Lauren's intestinal type.
- Annual gastric cancer incidence increased with total Kyoto score: 0.05% for scores 0-1, 0.07% for scores 2-3, 0.47% for score 4, and 1.27% for scores 5-8.
- Multivariate analysis showed atrophy score 2 (HR 11.60), intestinal metaplasia score 2 (HR 9.92), diffuse redness score 2 (HR 10.01), enlarged folds (HR 4.03), and total Kyoto score 5-8 (HR 16.45) were significantly associated with gastric cancer incidence.
- Total Kyoto scores of 4 or higher demonstrated statistically significant association with gastric cancer (P=0.002 for score 4, P<0.001 for scores 5-8), while scores 2-3 did not differ from reference (P=0.887).
- The study provides time-to-event data supporting endoscopy-based Kyoto classification as a tool for stratifying gastric cancer risk in surveillance populations.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/26113daa-743b-11ee-b04a-0242ac140004

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.