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Summary

PRIMARY GASTRIC SQUAMOUS CELL CARCINOMA : RECENT TRENDS AND SURVIVAL OUTCOME OF DIFFERENT TREATMENT MODALITIES

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Oesophagus

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Analysis of 784 SEER database patients with gastric squamous cell carcinoma from 2000-2020 shows total gastrectomy achieves superior 5-year survival compared to partial gastrectomy or medical therapy alone.

KEY POINTS

- Overall 5-year relative survival for gastric squamous cell carcinoma was 17.4%, with 3-year survival of 21.7%
- Total gastrectomy achieved 44.6% 5-year survival compared to 38.1% for partial gastrectomy and 10.4% for medical treatment only (P<0.0001)
- African-Americans had 2.32-fold increased rate of gastric squamous cell carcinoma compared to Caucasians (95% CI 1.96-2.73, P<0.0001)
- Among patients receiving systemic therapy only, primary chemoradiotherapy achieved 16.3% 5-year survival versus 8.1% for chemotherapy alone and 0% for radiotherapy alone (P<0.0001)
- This rare tumor subtype accounts for 0.04-0.5% of gastric malignancies and has shown declining incidence over 20 years

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