

# Population-Based Analysis of Social Health Determinants Associated with Advanced Stage Presentation in Oral Squamous Cell Carcinoma

Holcomb A, Brant JA, Newman JG, Sykes KJ, Kakarala K, Shnayder Y, Tsue T, Ibrahim A, Bur A

*Social factors can significantly affect health outcomes for oral squamous cell carcinoma patients*



Patients living in low income communities more likely to present with advanced stage tumors than patients living in affluent areas



Patients with Medicaid, Medicare, or no insurance more likely to present at advanced stages compared to those with private insurance



Patients in communities with low high school graduation rates presented at higher stages than those with highest graduation rates

## Research findings:

<http://www.kumc.edu/school-of-medicine/otolaryngology/research/highlights.html>

**KU** THE UNIVERSITY OF  
**KANSAS**

DEPARTMENT OF OTOLARYNGOLOGY -  
HEAD AND NECK SURGERY