

Supplementary Online Content

Long SM, Mclean T, Valero Mayor C, et al. Use of intraoperative frozen section to assess final tumor margin status in patients undergoing surgery for oral cavity squamous cell carcinoma. *JAMA Otolaryngol Head Neck Surg*. Published online August 4, 2022. doi:10.1001/jamaoto.2022.2131

eTable. Patient, Tumor, and Treatment Characteristics Between Patients With IFSH and Those With No IFSH

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Patient, Tumor, and Treatment Characteristics Between Patients With IFSH and Those With No IFSH

	Total (n=1257)	IFSH (n=1104)	No IFSH^a (n=153)	Effect size (95% CI)
Age, median (IQR), years	62 (52-72.5)	62 (52-72)	64 (54-76)	0.0514 (-0.0039, 0.1064)
Sex				0.0211 (-0.0342, 0.0762)
Female	548 (43.6)	477 (43.2)	71 (46.4)	
Male	709 (56.4)	627 (56.8)	82 (53.6)	
Tobacco, No. (%)				0.0123 (-0.043, 0.0675)
Never	481 (38)	420 (38)	61 (40)	
Yes	776 (62)	684 (62)	92 (60)	
Alcohol, No. (%)				0.0602 (0.0049, 0.1151)
Never	383 (30)	325 (29)	58 (38)	
Yes	874 (70)	779 (71)	95 (62)	
WUHNCI^b				0.0367 (-0.0186, 0.0918)
0	897 (71)	781 (71)	116 (76)	
≥1	360 (29)	323 (29)	37 (24)	
Primary site				0.2235 (0.1694, 0.2762)
Tongue	680 (54)	639 (57.9)	41 (26.8)	
Floor of mouth	144 (11)	123 (11.1)	21 (13.7)	
Hard palate	22 (1.8)	17 (1.5)	5 (3.3)	
Lower or upper gingiva	253 (20.1)	192 (17.4)	61 (39.9)	
RMT ^c or buccal mucosa	158 (12.6)	133 (12.1)	25 (16.3)	
pT stage (n=1196)				0.0455 (-0.0112, 0.1019)
T1-T2	737 (61.6)	661 (62.4)	76 (55.5)	
T3-T4	459 (38.4)	398 (37.6)	61 (44.5)	
pN stage (n=1240)				0.1748 (0.1198, 0.2288)
Nx	344 (27.7)	270 (24.8)	74 (48.4)	
N0	518 (41.8)	472 (43.4)	46 (30.1)	
N1	111 (8.95)	104 (9.6)	7 (4.6)	
N2	121 (9.75)	109 (10)	12 (7.8)	
N3	146 (11.8)	132 (12.1)	14 (9.2)	
Overall stage (n=1193)				0.0084 (-0.0483, 0.0651)
I-II	606 (50.8)	537 (50.9)	69 (49.6)	
III-IV	587 (49.2)	517 (49.1)	70 (50.4)	
Lymphovascular invasion (n=1179)				0.0098 (-0.0473, 0.0668)
No	998 (84.6)	879 (84.5)	119 (85.6)	
Yes	181 (15.4)	161 (15.5)	20 (14.4)	
Perineural invasion (n=1179)				0.0129 (-0.0442, 0.0699)
No	783 (66.4)	693 (66.6)	90 (64.7)	
Yes	396 (33.6)	347 (33.3)	49 (35.3)	
Adjuvant treatment				0.0271 (-0.0281, 0.0823)
None	795 (63.2)	693 (62.8)	102 (66.7)	
RT	338 (26.9)	300 (27.2)	38 (24.8)	
CRT	124 (9.9)	111 (10.1)	13 (8.5)	

^aNo IFSH = no intraoperative frozen section of a margin taken for the primary tumor site

^bWashington University Head and Neck Comorbidity Index

^cRetromolar trigone