

**S1 Table.** Clinicopathological characteristics of 396 HNSCC patients

Variable	No. (%) (n=396)
Sex	
Male	298 (75.3)
Female	98 (24.7)
Age, median (IQR, yr)	58 (22-88)
Smoking	
Never smoker	154 (38.9)
Ex-smoker	80 (20.2)
Current smoker	162 (40.9)
Anatomical site	
Oral cavity	204 (51.5)
Oropharynx	122 (30.8)
Hypopharynx	28 (7.1)
Larynx	42 (10.6)
p16 IHC status	
Negative	236 (59.6)
Positive	160 (40.4)
Lymphovascular invasion	
Absent	320 (80.8)
Present	76 (19.2)
Perineural invasion	
Absent	342 (86.4)
Present	54 (13.6)
Resection margin status	
R0 <sup>a)</sup>	305 (77.0)
Non-R0	91 (23.0)
Pathologic T category	
pT1-2	326 (82.3)
pT3-4	70 (17.7)
Pathologic N category	
pN0-1	248 (62.6)
pN2-3	148 (37.4)
Postoperative therapy	
No treatment	145 (36.6)
RTx alone	150 (37.9)
CCRT	99 (25.0)
CTx alone or other CTx alone or incomplete CCRT	2 (0.5)
Recurrence/Metastasis	
Absent	293 (74.0)
Present	103 (26.0)

Survival

Alive	324 (81.8)
Expired	72 (18.2)

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HNSCC, head and neck squamous cell carcinoma; IQR, interquartile range; IHC, immunohistochemistry; CCRT, concurrent chemoradiotherapy; CTx, chemotherapy. <sup>a</sup>R0 resection status was defined as complete tumor resection.