

Table 2.21. Case-control studies of HPV prevalence and cancers of the oral cavity.

Reference, study location	Sites included	No. of cases	No. of controls	Method of detection	HPV prevalence (%)		Odds ratio (95% CI)	Comments/adjustments	
					Cases	Controls			
Hansson et al. (2005), Sweden	Tongue	29	320	MY09/11	24.0	0.94	24.0 (3.2–180)	Swabs of tumor (cases) and tonsillar fossa and mouthwash No association with low risk types Adjusted for alcohol and tobacco smoking	
	Floor mouth	25		GP5+/GP6*	40.0				51.0 (3.2–810)
	Oral NOS	31		High risk types	16.0				22.0 (2.8–170)
Pintos <i>et al.</i> (2008), Canada	Tongue Floor of mouth Other	51	123	PGMY09/11 Line blot HPV	9.8	4.9	1.3 (0.3–6.3)	Exfoliated cells brushing and gargarism	