

Table 2.26. Prevalence of HPV DNA in case series of laryngeal cancer detected by PCR

Reference, study location	Method of detection ^a (types included)	Sites included	No of cases	Overall HPV positivity (%)	Type-specific HPV positivity (%)							Multiple infections (%)	Comments
					6	11	16	18	31	33	Others (type)		
Kreimer <i>et al.</i> (2005), Metanalysis	PCR	Larynx and hypopharynx	1435	24.0	5.1	0.5	16.6	3.9	0.3	0.9	<0.3 each		
de Oliveira <i>et al.</i> (2006), Brazil	Gp5+/6+ Multiplex TS PCR for HPV 6, 11, 16, 18,	Larynx	110	37.3	0	0	13.6	16.4				Formalin-fixed paraffin-embedded	
Gungor <i>et al.</i> (2007), Turkey	Mixed L1 consensus primer 449-452 bp Multiplex PCR kit for typing 6, 11, 16, 18, 31, 33, 52, 58	Larynx	95	7.4	2.2	7.4	1.1				1.1	Paraffin-embedded 5 papillomas all positive	
Koskinen <i>et al.</i> (2007), Finland, Norway, Sweden	MY09/11 and GP5+/6+ SPF10 hybridization	Larynx	69	4.4			1.4				3.0 uncharacterized	Biopsies had to have at least 20% tumour tissue	

Note: Percentages given for HPV types correspond to percentages of total cases.