Human Papillomavirus (HPV)

Cancer	Head and Neck
Question	Which patients are infected with the oral human papillomavirus?
Benefits	Some high-risk strains of oral HPV can lead to oropharyngeal (throat and tonsil) cancer and so early detection can be advantageous
Funding	UKRI IAA Nov 2024 – Oct 2025

	Total	*HPV+*	*HPV−*	*Validation*
# Patients	52	37	15	–
# Spectra (K)	800	400	400	–

Result (AUC)	82%
Publication(s)	–

Wavenumbers

DNA/RNA			*Amide III*		*Amide II*	*Amide I*	MLA v2.1