Oral Epithelial Dysplasia (OED)

UNIVERSITY OF LIVERPOOL

Cancer Head and Neck

Question Which oral lesions will transform (T) and which will not transform (NT) to oral cancer?

Benefits Determination of the T/NT prognosis with high confidence ensures that patients are either discharged (NT) or treated (T)

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	Total	*T*	*NT*	*Validation*
# Patients	129	25	25	79
# Spectra (K)	6400	2900	3500	10300

Result (AUC) 82%

Publication(s) *PLoS ONE* **17** (2022) e0266043
IOP Sci Notes **3** (2022) 034001

Wavenumbers

DNA/RNA			*Amide III*		*Amide II*	*Amide I*	MLA v3.1