

COSD mapping for Appendix D: Reporting proforma for carcinomas of the nasopharynx and oropharynx in list format

RCPath Data set item element name	Values	Implementation comments	COSD Pathology v4.0.2 (2020)	COSD Pathology v5.1.1 (2024)
Surname			CR0050 - Person Family Name	CR0050 - Person Family Name
Forenames			CR0060 - Person Given Name	CR0060 - Person Given Name
Date of birth			CR0100 - Person Birth Date	CR0100 - Person Birth Date
Sex			CR3170 - Person Stated Gender Code	CR3170 - Person Stated Gender Code
Hospital			pCR0800 - Organisation Identifier (of Reporting Pathologist)	pCR0800 - Organisation Identifier (of Reporting Pathologist)
Hospital no			CR0020 - Local Patient Identifier	CR0020 - Local Patient Identifier
NHS/CHI no		CHI number not recorded in COSD	CR0010 - NHS Number	CR0010 - NHS Number
Date of receipt			pCR0770 - Sample Receipt Date	pCR0770 - Sample Receipt Date
Date of reporting			pCR0780 - Investigation Result Date	pCR0780 - Investigation Result Date
Report no			pCR0950 - Service Report Identifier	pCR0950 - Service Report Identifier
Pathologist			pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)	pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)

			pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)	pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)
Surgeon			Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
Neoadjuvant therapy	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Information not provided			
	Not administered			
	Administered, specify type			
	Multi selection value list (select all that apply):			
	- Chemotherapy			
	- Radiotherapy			
	- Chemoradiotherapy			
	- Targeted therapy, specify if available			
	- Immunotherapy, specify if available			
Operative procedure	Single selection value list:	*If a neck dissection is submitted, then a separate dataset is used to record the information.	pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Not specified			
	Resection, specify			
	- Transoral laser microsurgical resection		EX - Excision; RE - Radical Excision; PE - Partial Excision	EX - Excision; RE - Radical Excision; PE - Partial Excision
	- Transoral robotic surgical resection		EX - Excision; RE - Radical Excision; PE - Partial Excision	EX - Excision; RE - Radical Excision; PE - Partial Excision
	- Other, specify		99 (Uncertain/other)	99 (Uncertain/other)
	Biopsy (excisional, incisional), specify		BU - Biopsy NOS; IB - Incisional Biopsy	BU - Biopsy NOS; IB - Incisional Biopsy

	Neck (lymph node) dissection*, specify		EX - Excision	EX - Excision
	Other, specify		99 - Uncertain/other	99 - Uncertain/other
			pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)
			1 (Primary tumour)	1 (Primary tumour)
Specimens submitted	Multi selection value list:	*If a neck dissection is submitted, then a separate dataset is used to record the information.	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Not specified			
	Oropharynx			
	- Palatine tonsil			
	- Base of tongue/lingual tonsil			
	- Soft palate			
	- Uvula			
	- Pharyngeal wall (posterior)			
	- Pharyngeal wall (lateral)			
	- Other, specify			
	Nasopharynx, specify if necessary			
	Other, specify			
Tumour site	Multi selection value list (select all that apply):	pCR0820 - Tumour Laterality (Pathological) identifies the side of the body for a tumour relating to paired organs, not the laterality of a specimen.	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Cannot be assessed			
	Oropharynx			
	- Left			
	- Right			
	- Midline			
	- Laterality not specified			
	- Palatine tonsil			
	- Base of tongue/lingual tonsil			

	<ul style="list-style-type: none"> - Soft palate - Uvula - Pharyngeal wall (posterior) - Pharyngeal wall (lateral) - Other, specify <p>Nasopharynx</p> <ul style="list-style-type: none"> - Left - Right - Midline - Laterality not specified <ul style="list-style-type: none"> - Nasopharyngeal tonsils (adenoids) - Fossa of Rosenmüller - Other, specify <p>Other, specify including laterality</p>		
Tumour dimensions	<p>Single selection value list:</p> <p>Maximum tumour dimension (largest tumour) ____ mm</p> <p>Additional dimensions (largest tumour) ____mm x ____mm</p> <p>Cannot be assessed, specify</p>	<p>pCR0830 - Lesion Size (Pathological)</p> <p>pCR1020 - Pathology Report Text</p> <p>pCR1020 - Pathology Report Text</p>	<p>pCR0830 - Lesion Size (Pathological)</p> <p>pCR1020 - Pathology Report Text</p>
Histological type	<p>Multi selection value list (select all that apply):</p> <p>Salivary gland carcinoma</p> <p>- Specify type</p> <p>Neuroendocrine carcinoma</p> <p>- Specify type</p> <p>- Other, specify type</p>	<p>Value list from the WHO Classification of Head and Neck Tumours (2017).</p> <p>Note that permission to publish the WHO classification of tumours may</p>	<p>It may be possible to use pCR6420 - Morphology (SNOMED) Pathology to record the Histological type, if not then record the information within pCR1020 - Pathology Report Text</p> <p>It may be possible to use pCR6420 - Morphology (SNOMED) Pathology to record the Histological type, if not then record the information within pCR1020 - Pathology Report Text</p>

	<ul style="list-style-type: none"> - Carcinomas of the oropharynx - Squamous cell carcinoma, conventional - Single selection value list: <ul style="list-style-type: none"> - Keratinising - Non-keratinising - Non-keratinising with maturation ('partially keratinising') - Acantholytic squamous cell carcinoma - Adenosquamous carcinoma - Basaloid squamous cell carcinoma - Papillary squamous cell carcinoma - Spindle cell carcinoma - Verrucous carcinoma - Lymphoepithelial carcinoma - Carcinomas of the nasopharynx - Non-keratinising squamous cell carcinoma - Single selection value list: <ul style="list-style-type: none"> - Differentiated - Undifferentiated (lymphoepithelial) - Keratinising squamous cell carcinoma - Basaloid squamous cell carcinoma 	<p>be needed in your implementation. It is advisable to check with the International Agency on Cancer research (IARC).</p>		
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	<ul style="list-style-type: none"> - Nasopharyngeal papillary adenocarcinoma - Cannot be assessed, specify 			
Histological grade	Single selection value list:	For 'Other, specify' and 'Cannot be assessed, specify' use pCR1020 - Pathology Report Text	pCR0860 - Grade of Differentiation (Pathological)	pCR0860 - Grade of Differentiation (Pathological)
	Not applicable			
	GX: Cannot be assessed		GX - Grade of differentiation is not appropriate or cannot be assessed	GX - Grade of differentiation is not appropriate or cannot be assessed
	G1: Well differentiated		G1 - Well differentiated	G1 - Well differentiated
	G2: Moderately differentiated		G2 - Moderately differentiated	G2 - Moderately differentiated
	G3: Poorly differentiated		G3 - Poorly differentiated	G3 - Poorly differentiated
	Other, specify			
	Cannot be assessed, specify			
Depth of invasion	Numeric/Single selection value list:		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	__mm			
	Not applicable			
	Cannot be assessed, specify			
Perineural invasion	Single selection value list:	Not applicable for nasopharynx. If additional information required for 'Cannot be assessed, specify' use pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	pCR1100 - Perineural Invasion
	Not identified			2 - Not Identified
	Present			1 - Present
	Cannot be assessed, specify			X - Cannot be assessed
Lymphovascular invasion	Single selection value list:	Not applicable for nasopharynx. If additional information	pCR0870 - Cancer Vascular or Lymphatic Invasion	pCR0870 - Cancer Vascular or Lymphatic Invasion
	Not identified		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present

	Present	required for 'Cannot be assessed, specify' use pCR1020 - Pathology Report Text	YU - Yes - vascular/lymphatic invasion present	YU - Yes - vascular/lymphatic invasion present
	Cannot be assessed, specify		XX - Cannot be assessed	XX - Cannot be assessed
Margin Status	Single selection value list/text/numeric:	<p>**There is no clear morphologic distinction between invasive and <i>in situ</i> carcinoma for HPV-positive oropharyngeal and EBV-positive nasopharyngeal carcinomas, so all carcinoma at margin should be included in evaluation simply as 'involved by carcinoma'.</p> <p>***Only applicable for HPV-negative oropharyngeal and EBV-negative nasopharyngeal tumours and for tonsillar surface disease. High-grade dysplasia is synonymous with moderate/severe dysplasia.</p>	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Invasive carcinoma**			
	Involved			
	- Specify margin(s), if possible			
	Not involved			
	- Distance of tumour from closest margin ___ mm			
	- Distance not assessable			
	- Specify closest margin, if possible			
	Carcinoma <i>in situ</i> /high-grade dysplasia***			
	Involved			
	- Specify margin(s), if possible			
	Not involved			
	- Distance of tumour from closest margin ___ mm			
	- Distance not assessable			
Coexistent pathology	Multi selection value list (select all that apply):	****Applicable for oropharyngeal surface mucosal disease only; not for tonsillar crypt epithelium.	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	None identified			
	Dysplasia****			

	<p>Single selection value list:</p> <ul style="list-style-type: none"> - Mild - Moderate - Severe - Focal - Multifocal - Discontinuous with the primary site <p>Carcinoma in situ</p> <p>Single selection value list:</p> <ul style="list-style-type: none"> - Focal - Multifocal - Discontinuous with the primary site <p>Other, specify</p>		
Ancillary studies	<p>Single selection value list:</p> <p>Viral testing/Viral tumour markers</p> <p>Oropharynx</p> <p>Not performed/unknown</p> <p>Performed (select all that apply)</p> <ul style="list-style-type: none"> - Immunohistochemistry - Positive - >70% nuclear and cytoplasmic staining of at least moderate to strong intensity - Other criterion used, specify - Negative 	<p>Although we have pHN9510 - HPV-ISH Testing and pHN950 - p16 Testing Indicator within COSD, we do not have the granular detail requested within this data item.</p> <p>Therefore, these data should be recorded within pCR1020 - Pathology Report Text.</p>	<p>Although we have pHN9510 - HPV-ISH Testing and pHN950 - p16 Testing Indicator within COSD, we do not have the granular detail requested within this data item.</p> <p>Therefore, these data should be recorded within pCR1020 - Pathology Report Text.</p>

	<ul style="list-style-type: none"> - Criteria used to determine results, specify - High-risk HPV-specific testing <p>Single selection value list:</p> <ul style="list-style-type: none"> DNA PCR - Not identified - Present DNA in situ hybridisation - Not identified - Present E6/E7 mRNA in situ hybridisation - Not identified - Present E6/E7 mRNA RTPCR - Not identified - Present <p>Viral testing/Viral tumour markers</p> <p>Nasopharynx</p> <p>Not performed/unknown</p> <p>Performed</p> <ul style="list-style-type: none"> - EBV (EBER) in situ hybridisation - positive - EBV (EBER) in situ hybridisation - negative <p>Other ancillary studies</p> <p>Not performed</p> <p>Performed, specify</p>		
		Not in the COSD Pathology v4 data set, although could be recorded within pCR1020 - Pathology Report Text	pNH9640 - EBV-ISH Testing
			X - Not Performed/Not Known
			P - Positive
			N - Negative
		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text

Pathological staging (UICC TNM 9th edition) TNM descriptors	Core (choose if applicable) - m – multiple primary tumours - r – recurrent - y – post-therapy		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Primary tumour (pT)	Free text	UICC TNM 9th edition, only if applicable	pCR0910 - T Category (Pathological) = pT	pCR0910 - T Category (Pathological) = pT
TNM edition number used		Within COSD, version number and edition are separate but should be reported together	pCR6820 - TNM VERSION NUMBER (PATHOLOGICAL)	pCR6820 - TNM VERSION NUMBER (PATHOLOGICAL)
			pCR6980 - TNM CODING EDITION	pCR6980 - TNM CODING EDITION
P16 negative oropharynx	Single selection		pHN9500 - p16 Testing Indicator	pHN9500 - p16 Testing Indicator
			N - Negative	N - Negative
Nasopharynx	Single selection		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text