

COSD mapping for Appendix D: Reporting proforma for carcinomas of the larynx and hypopharynx 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
Operative procedure (Core)	Multi selection value list: Not specified Biopsy (excisional, incisional), specify Resection, specify Neck (lymph node) dissection*, specify Other, specify	*If a neck dissection is submitted, then a separate dataset is used to record the information. Additional information could be recorded within CR1020 - Pathology Report Text, if you feel pCR0760 and pCR0970 are not suitable.	pCR0760 – Pathology Investigation Type (All values) BU(Biopsy NOS), IB (Incisional Biopsy) RE(Radical Excision), PE (Partial excision), FE(Further Excision) EX(Excision) 99 (Uncertain/other)	pCR0760 – Pathology Investigation Type (All values) BU(Biopsy NOS), IB (Incisional Biopsy) RE(Radical Excision), PE (Partial excision), FE(Further Excision) EX(Excision) 99 (Uncertain/other)
Specimens submitted (Core)	Multi selection value list: Not specified Trachea Hypopharynx - Laryngopharyngectomy - Other, specify Larynx	select all that apply	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

	<ul style="list-style-type: none"> - Endolaryngeal excision - Transoral laser excision - Supraglottic laryngectomy - Supracricoid laryngectomy - Total laryngectomy - Vertical hemilaryngectomy, specify side - Partial laryngectomy, specify type - Other, specify 		
Specimen dimensions (Core)	<p>Numeric:</p> <ul style="list-style-type: none"> - Maximum dimension in mm 		<p>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</p> <p>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</p>
Tumour site (Core)	<p>Multi selection value list:</p> <ul style="list-style-type: none"> Cannot be assessed No macroscopically visible tumour Trachea - Left - Right - Midline - Laterality not specified Hypopharynx - Left - Right - Midline - Laterality not specified Piriform sinus Postcricoid 	<p>select all that apply</p> <p>pCR0820 - Tumour Laterality (Pathological) identifies the side of the body for a tumour relating to paired organs, not the laterality of a specimen.</p>	<p>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</p> <p>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</p>

Pharyngeal wall (posterior and/or lateral)
Other, specify
Larynx supraglottis
- Left
- Right
- Midline
- Laterality not specified
Epiglottis
- Lingual aspect
- Laryngeal aspect
Aryepiglottic fold
Arytenoid
False vocal cord/fold
Venticle
Larynx, glottis
- Left
- Right
- Midline
- Laterality not specified
True vocal cord/fold
Anterior commissure
Posterior commissure
Larynx, subglottis
- Left
- Right
- Midline
- Laterality not specified
Tumour laterality
- Left

	<ul style="list-style-type: none"> - Right - Bilateral/Midline Other, specify including laterality 			
Tumour dimensions (Core)	<p>Numeric:</p> <ul style="list-style-type: none"> - Maximum tumour dimension (largest tumour) in mm - Cannot be assessed, specify 		pCR0830 - Lesion Size (Pathological)	pCR0830 - Lesion Size (Pathological)
Histological tumour type (Core)	<p>Multi selection value list:</p> <ul style="list-style-type: none"> Squamous cell carcinoma, conventional type Squamous cell carcinoma, variant types - Adenosquamous carcinoma - Basaloid squamous cell carcinoma - Papillary squamous cell carcinoma - Spindle cell squamous cell carcinoma - Verrucous squamous cell carcinoma Lymphoepithelial carcinoma Neuroendocrine carcinoma - Well differentiated neuroendocrine carcinoma - Moderately differentiated neuroendocrine carcinoma - Poorly differentiated neuroendocrine carcinoma 	<p>Value list from the WHO Classification of Head and Neck Tumours (2017). Note that permission to publish the WHO classification of tumours may be needed in your implementation. It is advisable to check with the International Agency on Cancer research (IARC).</p>	<p>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</p>	<p>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</p>

	<ul style="list-style-type: none"> - Small cell neuroendocrine carcinoma - Large cell neuroendocrine carcinoma Combined (or composite) neuroendocrine carcinoma, with squamous or adenosquamous component Carcinomas of minor salivary glands - Adenoid cystic carcinoma, specify grade - Mucoepidermoid carcinoma, specify grade - Other, specify Other, specify 		
Histological tumour grade (Core)	Single selection value list:	For 'Other/specify' use CR1020 - Pathology Report Text	pCR0860 - Grade of Differentiation (Pathological)
	Not applicable		
	GX: Cannot be assessed		GX- Grade of differentiation is not appropriate or cannot be assessed
	G1: Well differentiated		G1 - Well differentiated
	G2: Moderately differentiated		G2 - Moderately differentiated
	G3: Poorly differentiated		G3 - Poorly differentiated
	Other, specify		
Extent of Invasion (Core)	Multi selection value list:	select all that apply/numeric	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Larynx		
	- Not identified		
	- Involves mucosa		
	- Involves paraglottic space		
	- Involves pre-epiglottic space		

	<ul style="list-style-type: none"> - Partial thickness invasion of cartilage - Full thickness invasion of cartilage <p>Hypopharynx</p> <ul style="list-style-type: none"> - Tissue layers involved, specify 		
Perineural invasion (Core)	Single selection value list:	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	pCR100 - Perineural invasion
	Not identified		2 - Not Identified
	Present		1 - Present
	Cannot be assessed, specify		X- Cannot be assessed
Lymphovascular invasion (Core)	Single selection value list:		pCR0870 - Cancer Vascular or Lymphatic Invasion
	Not identified		NU - No - vascular/lymphatic invasion not present
	Present		YU - Yes - vascular/lymphatic invasion present
	Cannot be assessed, specify		XX- Cannot be assessed
Margin Status (Core)	Single selection value list/text/numeric:	**High-grade dysplasia is synonymous with moderate/severe dysplasia.	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Invasive carcinoma		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Involved		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	- Specify margin(s), if possible		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Not involved		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	- Distance from closest margin mm		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	- Distance not assessable		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	- Specify closest margin, if possible		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	Carcinoma in situ/high-grade dysplasia**		Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text

	<table border="1"> <tr><td>Involved</td></tr> <tr><td>- Specify margin(s), if possible</td></tr> <tr><td>Not involved</td></tr> <tr><td>- Distance from closest margin ____ mm</td></tr> <tr><td>- Distance not assessable</td></tr> <tr><td>- Specify closest margin, if possible</td></tr> <tr><td>Not applicable</td></tr> <tr><td>Cannot be assessed, specify</td></tr> </table>	Involved	- Specify margin(s), if possible	Not involved	- Distance from closest margin ____ mm	- Distance not assessable	- Specify closest margin, if possible	Not applicable	Cannot be assessed, specify			
Involved												
- Specify margin(s), if possible												
Not involved												
- Distance from closest margin ____ mm												
- Distance not assessable												
- Specify closest margin, if possible												
Not applicable												
Cannot be assessed, specify												
Pathological staging (UICC TNM 8th edition) TNM descriptors (Core)	Choose if applicable m – multiple primary tumours r – recurrent y – post-therapy	Reproduced with permission. Source: Brierley, James D, Gospodarowicz Mary K, Wittekind, Christian. UICC TNMClassification of Malignant Tumours (8th edition), Chichester, UK: Wiley-Blackwell, 2017.	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								
Primary tumour (pT) (Core)	Single selection value list: - TX Primary tumour cannot be assessed - Tis Carcinoma in situ	Note that the results of lymph node/neck dissection are derived from a separate dataset.	pCR0910 - TCategory (Pathological) = pT	pCR0910 - TCategory (Pathological) = pT								

Primary tumour: Hypopharynx	Single selection value list: <ul style="list-style-type: none"> - T1 Tumour limited to one subsite of hypopharynx and/or 2 cm or less in greatest dimension - T2 Tumour invades more than one subsite of hypopharynx or an adjacent site, or measures more than 2 cm but not more than 4 cm in greatest dimension without fixation of hemilarynx - T3 Tumour more than 4 cm in greatest dimension, or with fixation of hemilarynx or extension to oesophageal mucosa - T4a Moderately advanced local disease: tumour invades any of the following: thyroid/cricoid cartilage, hyoid bone, thyroid gland, oesophagus, or central compartment soft tissue# - T4b Very advanced local disease: tumour invades prevertebral fascia, encases carotid artery, or invades mediastinal structures 	# Central compartment soft tissue includes prelaryngeal strap muscles and subcutaneous fat.	pCR0910 - TCategory (Pathological)=pT	pCR0910 - TCategory (Pathological)=pT
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Primary tumour: Supraglottis	Single selection value list: <ul style="list-style-type: none"> - T1 Tumour limited to one subsite of supraglottis with normal vocal cord mobility - T2 Tumour invades mucosa of more than one adjacent subsite of supraglottis or glottis or region outside the supraglottis (e.g. mucosa of base of tongue, vallecula, medial wall of piriform sinus) without fixation of the larynx - T3 Tumour limited to larynx with vocal cord fixation and/or invades any of the following: postcricoid area, pre-epiglottic space, paraglottic space, and/or inner cortex of thyroid cartilage - T4a Moderately advanced local disease: tumour invades through the thyroid cartilage and/or invades tissues beyond the larynx e.g. trachea, soft tissues of neck including deep/extrinsic muscle of tongue (genioglossus, hyoglossus, palatoglossus and styloglossus), strap muscles, thyroid, or oesophagus - T4b Very advanced local disease: tumour invades prevertebral space, encases 		pCR0910 - TCategory (Pathological)=pT	pCR0910 - TCategory (Pathological)=pT
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carotid artery, or mediastinal structures.

Primary tumour: Glottis	Single selection value list: <ul style="list-style-type: none"> - T1 Tumour limited to the vocal cord(s) (may involve anterior or posterior commissure) with normal mobility - T1a Tumour limited to one vocal cord - T1b Tumour involves both vocal cords - T2 Tumour extends to supraglottis and/or subglottis and/or with impaired vocal cord mobility - T3 Tumour limited to the larynx with vocal cord fixation and/or invades paraglottic space, and/or inner cortex of the thyroid cartilage - T4a Tumour invades through the outer cortex of the thyroid cartilage and/or invades tissues beyond the larynx e.g. trachea, soft tissues of neck including deep/extrinsic muscle of the tongue (genioglossus,hyoglossus, palatoglossus and styloglossus), strap muscles, thyroid, oesophagus - T4b Tumour invades prevertebral space, encases carotid artery, or mediastinal structures. 	pCR0910 - TCategory (Pathological)=pT	pCR0910 - TCategory (Pathological)=pT	
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Primary tumour: Subglottis	<p>Single selection value list:</p> <ul style="list-style-type: none"> - T1 Tumour limited to subglottis - T2 Tumour extends to vocal cord(s) with normal or impaired mobility - T3 Tumour limited to larynx with vocal cord fixation - T4a Tumour invades cricoid or thyroid cartilage and/or invades tissues beyond the larynx e.g. trachea, soft tissues of neck including deep/extrinsic muscles of tongue (genioglossus,hyoglossus, palatoglossus and styloglossus), strap muscles, thyroid, oesophagus - T4b Tumour invades prevertebral space, encases carotid artery, or mediastinal structures. 		pCR0910 - TCategory (Pathological)=pT	pCR0910 - TCategory (Pathological)=pT
TNM edition number used (Core)	Free text	Within COSD, version number and edition are separate but should be reported together	<p>pCR6820 - TNM VERSION NUMBER (PATHOLOGICAL)</p> <p>pCR6980 - TNM CODING EDITION</p>	<p>pCR6820 - TNM VERSION NUMBER (PATHOLOGICAL)</p> <p>pCR6980 - TNM CODING EDITION</p>
SNOMED topography code	T...	May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology=T	pCR6410 - Topography (SNOMED) Pathology=T
SNOMED morphology code	M..	May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology=M	pCR6420 - Morphology (SNOMED) Pathology=M
Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text

