


Carcinomas of the Larynx, Hypopharynx and Trachea Histopathology Reporting Proforma



Includes the  International Collaboration on Cancer reporting dataset denoted by *

Family name

Given name(s)

Date of birth

Patient identifiers

e.g. MRN, IHI or NHI (please indicate which)

Date of request

S1.03 Accession number

Requesting doctor - name and contact details

Sex

- Male
 Female
 Intersex/indeterminate

Ethnicity

- Unknown
 Aboriginal/Torres Strait Islander (AU)
 Māori (NZ)
 Other ethnicity:

Clinical information

S1.02 Not provided OR

Neoadjuvant therapy

- Information not provided
 Not administered
 Administered, *specify type (select all that apply)*

- Chemotherapy
 Radiotherapy
 Targeted therapy, *specify if available*

Immunotherapy, *specify if available*

Time interval since therapy, *specify*

New primary lesion or recurrence

- New primary
 Recurrence - regional, *describe*

- Recurrence - distant, *describe*

*** Operative procedure** Text OR (select all that apply)

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.

S1.04 PRINCIPAL CLINICIAN

G1.01 ADDITIONAL COMMENTS

Macroscopic findings

S2.01 SPECIMEN LABELLED AS

S2.02 * OPERATIVE PROCEDURE

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.*

S2.03 * SPECIMENS SUBMITTED (select all that apply)

Not specified

Trachea

Hypopharynx

Laryngopharyngectomy

Other, *specify*

Larynx

Transoral laser excision

Total laryngectomy

Other, *specify*

S2.04 SPECIMEN DIMENSIONS *Record for each specimen submitted*

mm

x

mm

x

mm

S2.06 * TUMOUR SITE (select all that apply)

Cannot be assessed

No macroscopically visible tumour

Trachea

Left

Right

Midline

Laterality not specified

Hypopharynx

Left

Right

Midline

Laterality not specified

Piriform sinus

Postcricoid

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

Ventricle

Larynx, glottis

Left

Right

Midline

Laterality not specified

True vocal cord/fold

Anterior commissure

Posterior commissure

Larynx, subglottis

Left

Right

Midline

Laterality not specified

Other, *specify including laterality*

S2.06 * TUMOUR FOCALITY

Unifocal

Bilateral

Multifocal, *specify number of tumours in specimen*

Cannot be assessed, *specify*

S2.07 * MAXIMUM DIMENSION OF LARGEST TUMOUR

mm

Cannot be assessed, *specify*

G2.01 ADDITIONAL DIMENSIONS OF LARGEST TUMOUR

Additional dimensions (largest tumour)

mm x mm

G2.02 DEPTH OF INVASION

mm

G3.03 INVOLVEMENT OF THYROID CARTILAGE AND ANTERIOR SOFT TISSUES OF THE NECK

- Not identified
Present, specify

Text input field for G3.03

G2.04 TUMOUR DESCRIPTION (select all that apply)

- Exophytic, Polypoid, Endophytic, Nodular, Ulcerated

G3.05 MUCOSAL SURFACE ABNORMALITIES/LESION(S)

- Not identified
Present, describe and measure

Text input field for G3.05

G3.06 MACROSCOPIC DISTANCE TO CLOSEST MARGIN(S)

mm

Specify margin(s)

Text input field for G3.06

G2.07 DISTANCE OF EDGE OF TUMOUR TO TRACHEOSTOMY SITE

mm

G2.08 MACROSCOPIC INVOLVEMENT OF OTHER TISSUES

- Laryngeal cartilage, specify numbers involved
Extralaryngeal tissues
Other, describe

Text input field for G2.08

S2.08 INK APPLICATION AND BLOCK IDENTIFICATION KEY

Table for ink application and block identification key

G2.09 ADDITIONAL MACROSCOPIC COMMENTS

Text input field for G2.09

Microscopic findings

S3.01 HISTOLOGICAL TUMOUR TYPE (select all that apply)

- 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
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

Text input field for adenoid cystic carcinoma

- Mucoepidermoid carcinoma, specify grade

Text input field for mucoepidermoid carcinoma

- Other, specify

- Other, specify
S3.02 HISTOLOGICAL GRADE
Not applicable
GX: Cannot be assessed
G1: Well differentiated
G2: Moderately differentiated
G3: Poorly differentiated
Other, specify

S3.03 EXTENT OF INVASION** (select all that apply)

Larynx

- Not identified
Involves mucosa
Involves paraglottic space
Involves pre-epiglottic space
Partial thickness invasion of cartilage
Full thickness invasion of cartilage

Tumour thickness

mm

Hypopharynx

- Tissue layers involved, specify

S3.04 *TUMOUR THICKNESS

G3.01 *PATTERN OF INVASIVE FRONT
(Resection specimens only, not applicable to biopsies)

- Cohesive
- Non-cohesive

S3.05 *PERINEURAL INVASION

- Not identified
- Present
- Cannot be assessed, *specify*

S3.06 *LYMPHOVASCULAR INVASION

- Not identified
- Present
- Cannot be assessed, *specify*

S3.07 *MARGIN STATUS

Invasive carcinoma

- Involved
- Specify margin(s), if possible

- Not involved

Distance from closest margin

- Distance not assessable

Specify closest margin, if possible

Carcinoma in situ/high-grade dysplasia**

- Involved
- Specify margin(s), if possible

- Not involved

Distance from closest margin

- Distance not assessable

Specify closest margin, if possible

- Cannot be assessed, *specify*

** *High-grade dysplasia is synonymous with moderate/severe dysplasia.*

G3.02 *COEXISTENT PATHOLOGY (select all that apply)

- None identified
- Necrotizing sialometaplasia
- Infection, *specify*

- Dysplasia, *specify type and grade*

- Other, *specify*

G2.03 RADIATION INDUCED TISSUE DAMAGE

- Not identified
- Identified, *specify (describe induced damage, if possible)*

- Cannot be assessed, *specify (describe reason, if possible)*

G3.04 ADDITIONAL MICROSCOPIC COMMENT

Ancillary findings

G4.01 *ANCILLARY STUDIES

- Not performed
- Performed, *specify*

Synthesis and overview

S5.01 *PATHOLOGICAL STAGING (AJCC 8th Edition)##

TNM Descriptors (only if applicable) (select all that apply)

- m - multiple primary tumours
- r - recurrent
- y - post-therapy

Supraglottis

- TX Primary tumour cannot be assessed
- Tis Carcinoma *in situ*
- 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 pyriform 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
- T4 Moderately advanced or very advanced
- T4a Moderately advanced local disease
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 tongue, strap muscles, thyroid, or oesophagus)
- T4b Very advanced local disease
Tumour invades prevertebral space, encases carotid artery, or invades mediastinal structures

Glottis

- TX Primary tumour cannot be assessed
- Tis Carcinoma *in situ*
- 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 invasion of paraglottic space, and/or inner cortex of the thyroid cartilage
- T4 Moderately advanced or very advanced
- T4a Moderately advanced local disease
Tumour invades through the outer cortex of the thyroid cartilage and/or invades tissues beyond the larynx (e.g. trachea, cricoid cartilage, soft tissues of neck including deep extrinsic muscle of the tongue, strap muscles, thyroid or oesophagus)
- T4b Very advanced local disease
Tumour invades prevertebral space, encases carotid artery, or invades mediastinal structures

G5.02 Edition/version number of the Endometrial Cancer Structured Reporting Protocol.

Subglottis

- TX Primary tumour cannot be assessed
- Tis Carcinoma *in situ*
- 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 and/or invasion of paraglottic space and/or inner cortex of the thyroid cartilage
- T4 Moderately advanced or very advanced
- 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 the tongue, strap muscles, thyroid, oesophagus)
- T4b Very advanced local disease
Tumour invades prevertebral space, encases carotid artery, or invades mediastinal structures

Primary tumour: Hypopharynx

- TX Primary tumour cannot be assessed
- Tis Carcinoma *in situ*
- T1 Tumour limited to one subsite of hypopharynx and/or 2 cm or smaller in greatest dimension
- T2 Tumour invades more than one subsite of hypopharynx or an adjacent site, or measures larger than 2 cm but not larger than 4 cm in greatest dimension without fixation of hemilarynx
- T3 Tumour larger than 4 cm in greatest dimension, or with fixation of hemilarynx or extension to oesophageal mucosa
- T4 Moderately advanced and very advanced local disease
- T4a Moderately advanced local disease
Tumour invades thyroid/cricoid cartilage, hyoid bone, thyroid gland, oesophageal muscle 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.

^{##} Used with permission of the American College of Surgeons, Chicago, Illinois. The original source for this information is the AJCC Cancer Staging Manual, Eighth Edition (2016) published by Springer Science+Business Media

G5.01 **DIAGNOSTIC SUMMARY**
Include: Specimen(s) submitted; Tumour type; Tumour grade; Lymphovascular involvement; Perineural involvement; Margins of resection; Tumour stage.

S5.02 OVERARCHING COMMENT
