

Tumours of the Oesophagus & Gastro-Oesophageal Junction Histopathology Reporting Proforma



Mandatory questions (i.e. protocol standards) are in bold (e.g. **S1.01**).

S1.01 Identification

Family name

Given name(s)

Date of birth

Sex

- Male
 Female
 Intersex/indeterminate

Ethnicity

- Unknown
 Aboriginal/Torres Strait Islander
 Other ethnicity:

Patient identifiers

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

Date of request

S1.03 Accession number

Requesting doctor - name and contact details

s1.02 Clinical details

Tumour location

- cervical oesophagus
 upper thoracic
 middle thoracic
 lower thoracic
 gastro-oesophageal junction

Operative procedure

- Pharyngolaryngo-oesophagectomy
 Oesophagectomy
 Oesophago-gastrectomy
 Other (specify details)

Operative method of oesophago-gastrectomy

- 3 Stage (eg McKeown) 1 Stage (eg Sweet)
 2 Stage (eg Ivor-Lewis) Trans-hiatal

Extent of lymphadenectomy

- Three field Conservative
 Two field Two field (Infra-carinal)

Preoperative therapy

- Not administered
 Administered Type:
 Preoperative chemotherapy
 Preoperative radiotherapy
 Preoperative chemoradiotherapy

Involvement of adjacent organs

Presence of distant metastases

Absent Present

Existence of residual cancer

Absent Present

New primary cancer or recurrence

New primary Recurrence - regional
 Recurrence - distant

Additional information

Principal clinician

Surgeon's name & contact details

Macroscopic findings

S2.01 Type of resection

- Pharyngolaryngo-oesophagectomy
Oesophagectomy
Oesophago-gastrectomy
Other (specify details)

S2.03 Length of tubular oesophagus

Length of greater curve stomach (if present)

S2.04 Tumour site

- cervical oesophagus
upper thoracic
middle thoracic
lower thoracic
gastro-oesophageal junction

Midpoint of tumour to gastro-oesophageal junction

Distal edge of tumour to gastro-oesophageal junction

Proximal edge of tumour to proximal end of specimen

S2.05 Maximum tumour dimension

G2.01 Maximum tumour thickness

G2.02 Gross appearance of tumour

S2.06 Distance of tumour to proximal or distal margin (cut end)

Not identifiable Involved

S2.07 Distance of tumour to circumferential margin

Not identifiable Involved

S2.08 Involvement of adjacent structures

(select all that apply)

- Pleura
Peritoneum
Pericardium
Diaphragm
Aorta
Carotid vessels
Azygos vein
Trachea
Left or right main bronchus
Vertebral body
Perioesophageal tissue
Other

Not involved

S2.09 Additional specimens

- Not submitted
Submitted

S2.10 Barrett mucosa

- Absent
Present

G2.03 Length

S2.11 Nature and site of all blocks

G2.04 Other macroscopic comments

Microscopic findings

S3.01 Tumour location

- cervical oesophagus
- upper thoracic
- middle thoracic
- lower thoracic
- gastro-oesophageal junction

S3.02 Histologic tumour type

- Squamous cell carcinoma
- Adenocarcinoma
- Adenoid cystic carcinoma
- Adenosquamous carcinoma
- Basaloid squamous cell carcinoma
- Mucoepidermoid carcinoma
- Spindle cell (squamous) carcinoma
- Verrucous (squamous) carcinoma
- Undifferentiated carcinoma
- Other

--

S3.03 Histologic grade

If Adenocarcinoma

- Grade X Grade cannot be assessed
- Grade 1 Well differentiated (> 95% of tumour composed of glands)
- Grade 2 Moderately differentiated (50% - 95% of tumour composed of glands)
- Grade 3 Poorly differentiated (49% or less of tumour composed of glands)
- Grade 4 Undifferentiated

If Squamous cell carcinoma, adenosquamous carcinoma, basaloid squamous cell carcinoma, Spindle cell (squamous) carcinoma and Verrucous (squamous) carcinoma

- Grade X
- Grade 1 Well differentiated
- Grade 2 Moderately differentiated
- Grade 3 Poorly differentiated
- Grade 4 Undifferentiated

G3.01 Pattern of growth

- Expanding
- Infiltrating

S3.04 Maximum tumour dimension

	mm
--	----

S3.05 Depth of invasion

- lamina propria
- muscularis mucosae
- submucosa
- muscularis propria
- adventitial connective tissue

S3.06 Peritoneal involvement

- Absent
- Present

S3.07 Pleural involvement

Absent
Present

S3.08 Lymphatic and capillary space invasion

Absent
Present

Vein and artery space invasion

Absent
Present

Perineural invasion

Absent
Present

G3.02 Tumour budding

Absent
Present

S3.09 Degree of regression (AJCC)

- Grade 0: Complete Response
- No viable cancer cells
- Grade 1: Moderate response
- Single cells or small groups of cancer cells
- Grade 2: Minimal response
- Residual cancer outgrown by fibrosis
- Grade 3: Absent response
- Minimal or no tumour kill; extensive residual cancer

S3.10 SURGICAL MARGIN STATUS

Distance of carcinoma to proximal margin

mm

Involved (R1)

Distance of carcinoma to distal margin

mm

Involved (R1)

Distance of carcinoma to radial/circumferential margin

mm

Involved (R1)

G3.03 Donut

Not involved
Involved

S3.11 LYMPH NODE STATUS

Main resection specimen

Number of LN's

Negative
Positive No. of positive nodes

Separately labelled specimen 1

Site 1:

Number of LN's

Negative
Positive No. of positive nodes

Separately labelled specimen 2

Site 1:

Number of LN's

Negative
Positive No. of positive nodes

S3.12 Other pathologies

Barrett mucosa Margin involvement
Not involved
Involved

squamous or glandular dysplasia Margin involvement
Not involved
Involved

Distance of dysplasia to closest margin

mm

gastritis
eosinophilic
oesophagitis
other

G3.04 Other microscopic comments

Ancillary test findings

G4.01 Ancillary tests

Not performed

Performed

Test type 1

--

Results

--

Positive Abs	
Negative Abs	
Equivocal Abs	

Interpretive comment

Test type 2

--

Results

--

Positive Abs	
Negative Abs	
Equivocal Abs	

Interpretive comment

Test type 3

--

Results

--

Positive Abs	
Negative Abs	
Equivocal Abs	

Interpretive comment

Synthesis and overview

S5.01 AJCC Tumour staging
(See next page)

--

AJCC Tumour staging grouping
(see next page)

--

S5.02 Year and edition of staging system

--

G5.01 Diagnostic comment
Include: Tumour location; Histologic type;
Tumour grade; Ma. tumour dimension; Lymph
nodes; Stage; Involved or close margins
(includes tumour less than 1mm from margin)

G5.02 Overarching comment

Tumour Stage##

Primary Tumour (T)

- TX Primary tumour cannot be assessed
 T0 No evidence of primary tumour
 Tis High grade dysplasia***
 T1 Tumour invades lamina propria, muscularis mucosae, or submucosa
 T1a Tumour invades lamina propria or muscularis mucosae
 T1b Tumour invades submucosa
 T2 Tumour invades muscularis propria
 T3 Tumour invades adventitia
 T4 Tumour invades adjacent structures
 T4a Resectable tumour invading pleura, pericardium, or diaphragm
 T4b Unresectable tumour invading other adjacent structures, such as aorta, vertebral body, trachea etc

** (1) At least maximal dimension of the tumour must be recorded and (2) multiple tumours require the T(m) suffix.

*** High grade dysplasia includes all noninvasive neoplastic epithelia that was formerly called carcinoma in-situ, a diagnosis that is no longer used for columnar mucosae anywhere in the gastrointestinal tract.

Regional Lymph Nodes (N)*

- NX Regional lymph nodes cannot be assessed
 N0 No regional lymph node metastasis
 N1 Metastasis in 1-2 regional lymph nodes
 N2 Metastasis in 3-6 regional lymph nodes
 N3 Metastasis in seven or more regional lymph nodes

* Number must be recorded for the total number of regional nodes sampled and total number of reported nodes with metastasis.

Distant Metastasis (M)

- M0 No distant metastasis
 M1 Distant metastasis

AJCC Stage grouping##

Squamous cell carcinoma*

Stage	T Location**	N	M	Grade	Tumour
0	Tis	N0	M0	1,X	Any
IA	T1	N0	M0	1,X	Any
IB	T1	N0	M0	2-3	Any
	T2-3	N0	M0	1,X	Lower, X
IIA	T2-3	N0	M0	1,X	Upper, middle
	T2-3	N0	M0	2-3	Lower, X
IIB	T2-3	N0	M0	2-3	Upper, middle
	T1-2	N1	M0	Any	Any
IIIA	T1-2	N2	M0	Any	Any
	T3	N1	M0	Any	Any
	T4a	N0	M0	Any	Any
IIIB	T3	N2	M0	Any	Any
IIIC	T4a	N1-2	M0	Any	Any
	T4b	Any	M0	Any	Any
	Any	N3	m0	Any	Any
IV	Any	Any	M1	Any	Any

* Or mixed histology including a squamous component or NOS.

** Location of the primary cancer is defined by the position of the upper (proximal) edge of the tumour in the oesophagus.

Adenocarcinoma

Stage	T	N	M	Grade
O	Tis (HGD*)	N0	M0	1, X
IA	T1	N0	M0	1-2, X
	T1	N0	M0	3
IIB	T2	N0	M0	1-2, X
	T3	N0	M0	3
IIIA	T1-2	N1	M0	Any
	T1-2	N2	M0	Any
	T3	N1	M0	Any
IIIB	T4a	N0	M0	Any
	T3	N2	M0	Any
IIIC	T4a	N1-2	M0	Any
	T4b	Any	M0	Any
	Any	N3	M0	Any
IV	Any	Any	M1	Any

*HGD, high grade dysplasia.

Used with the permission of the American Joint Committee on Cancer (AJCC), Chicago, Illinois. The original source for this material is the AJCC Cancer Staging Manual, Seventh Edition (2010) published by Springer Science and Business Media LLC, www.springerlink.com

Worksheet prepared by:

On:

DD – MM – YYYY