



# Oral Cancer 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:

G1.01 Patient identifiers

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

Date of request

**S1.02 Accession number**

Requesting doctor - name and contact details

## **Clinical details**

**S1.03 Principal clinician**

**S1.04 Anatomical site**

**S1.05 Laterality of the lesion**

- Left   
 Right   
 Not stated

**S1.06 Clinical history**

Not stated

G1.03 Human papilloma virus (HPV) status

G1.04 Clinical diagnosis or differential diagnosis

**S1.07 New primary cancer or recurrence**

- Not stated   
 New primary   
 Recurrence  Distant   
 Regional

**S1.08 Pre-operative or prior radiotherapy**

- Not stated   
 None administered   
 Yes

**S1.09 Type of operation** (tick all that apply)

- incisional biopsy   
 excisional biopsy   
 hemi-glossectomy   
 partial glossectomy   
 hemi-mandibulectomy   
 segmental mandibulectomy   
 partial / hemi-maxillectomy   
 total maxillectomy   
 wedge resection of lip   
 neck dissection  selective   
 modified radical   
 radical   
 extended radical

**Nodal levels included** (tick all that apply)

- submental (IA)  submandibular (IB)   
 upper jugular (IIA)  upper jugular (IIB)   
 middle jugular (III)  lower jugular (IV)   
 posterior triangle (VA)  posterior triangle (VB)

**S1.10 Involvement of adjacent structures**


Not stated

**S1.11 Distant metastases**

Not stated

No

Yes  Specify details


**Macroscopic findings**

**S2.02 Description & measurements of specimen**

Specimen description


Specimen measurements

length mm x width mm x thickness mm

**Mucosa**

Not received

Received  Description:


Measurements :

length mm x width mm x thickness mm

**Teeth**

Not received

Received  Description (eg number, type)


**Bone**

Not received

Received  Description  
(eg type of bone eg maxilla, mandible, hyoid):


Measurements :

length mm x width mm x thickness mm

**Soft tissue**

Not received

Received  Description:


Measurements :

length mm x width mm x thickness mm

**Salivary gland**

Not received

Received  Description:


Measurements :

length mm x width mm x thickness mm

**S2.03 Description and measurements of lesion**

Size:

length mm x width mm x thickness mm

Site:

--

Appearance:


**S2.04 Macroscopic depth of invasion**

**S2.05 Surgical margins**

Margin 1 (specify)

Distance to lesion

Margin 2 (specify)

Distance to lesion

Margin 3 (specify)

Distance to lesion

Margin 4 (specify)

Distance to lesion

**S2.06 Involvement of adjacent structures**

Absent

Present  Indicate site:

Bone/part of bone

Sublingual gland

Submandibular gland

Nose

Sinus

**G2.04 Teeth – FDI designation (if present)**

**G2.05 Teeth mobility (if present)**

Peridontal ligament involvement (if teeth present)

Absent

Present

Root resorption (if teeth present)

Absent

Present

**S2.07 Neck dissection**

Absent

Present  Specify type:

selective

modified radical

radical

extended radical

Description:

Laterality:

Left

Right

Dimensions:

x  x

**S2.08 Number and level of lymph nodes**

submental (level IA)

submandibular (level IB)

upper jugular (level IIA)

upper jugular (level IIB)

middle jugular (level III)

lower jugular (level IV)

posterior triangle (level VA)

posterior triangle (level VB)

**G2.06 Distant metastases**

Absent

Present  Indicate site(s):

**G2.07 Other macroscopic comments**

## Microscopic findings

### S3.01 Tumour type

Squamous cell carcinoma

Other (specify):

### Tumour subtype

Conventional

Verrucous carcinoma

Basaloid squamous cell carcinoma

Papillary squamous cell carcinoma

Spindle cell carcinoma

Acantholytic squamous cell carcinoma

Adenosquamous carcinoma

Carcinoma cuniculatum

Undifferentiated  
(no or limited differentiation)

Other (specify):

### S3.02 Histological grade

### S3.03 Tumour site

### S3.04 Tumour size (greatest surface dimensions or diameter)

 x 

### S3.05 Depth of invasion

### S3.06 Growth pattern of invasion

Cohesive

Broad bulbous islands of cells

Strands of cells   
(>15 cells across)

Noncohesive

Narrow strands or small islands   
of infiltrating cells

Single infiltrating keratinocytes

### S3.07 Lymphovascular invasion

Not identified

Present

### S3.08 Perineural invasion at tumour front

Not identified

Present  Size of nerves involved:

Large (>1mm diameter)

Small (<1mm diameter)

### G3.01 Sialadenotropism

Absent

Present

Ductal invasion

Absent

Present

### S3.09 Bone invasion

Absent

Present  Pattern of infiltrative front:

Infiltrative

Erosive

### G3.02 Involvement of salivary gland

Not involved

Involved

### G3.03 Involvement of adjacent structures

Absent

Present  Indicate site  
(tick all that apply)

Cortical bone

Floor of mouth

Skin of face ie chin or nose

Deep muscle of tongue   
(genioglossus, hyoglossus,  
palatoglossus, and styloglossus)

Maxillary sinus

Pterygoid plates

Encases internal carotid artery

Internal jugular vein

Sternocleidomastoid muscle

### S3.10 Status of surgical margins

Margin 1  
(specify)

Involved

Not involved

Distance to tumour

Margin 2  
(specify)

Involved

Not involved

Distance to tumour

Margin 3 (specify)

Involved

Not involved

Distance to tumour  mm

**S3.11 Severe dysplasia at margin**

Absent

Present  Which margin(s)

**S3.12 Lymph node status**

**submental (level IA)**

Total number of nodes

Number of involved nodes

**submandibular (level IB)**

Total number of nodes

Number of involved nodes

**upper jugular (level IIA)**

Total number of nodes

Number of involved nodes

**upper jugular (level IIB)**

Total number of nodes

Number of involved nodes

**middle jugular (level III)**

Total number of nodes

Number of involved nodes

**lower jugular (level IV)**

Total number of nodes

Number of involved nodes

**posterior triangle (level VA)**

Total number of nodes

Number of involved nodes

**posterior triangle (level VB)**

Total number of nodes

Number of involved nodes

**Largest metastatic deposit:**

Location

Dimensions

length mm x  width mm x  thickness mm

**Extra-capsular spread**

Absent

Present  Type of spread:

Early(microscopic)

Established

Gross

Distance of invasion from nodal capsule:

mm

Structures involved in extra-capsular spread:

**Permeation of perinodal lymphatics**

Absent

Present

**Distance to perinodal surgical margin**

mm

G3.04 Other microscopic comments

**Ancillary test findings**

**S4.01 Immunohistochemical stains**

Not performed

Performed  Complete details:

Positive Abs	<input type="text"/>
Negative Abs	<input type="text"/>
Equivocal Abs	<input type="text"/>

Interpretation

Clinical significance

**S4.02 In-situ Hybridisation**Not performed Performed  Complete details:Performing lab Result Conclusion Person responsible for reporting **S4.03 Cytogenetics**Not performed Performed  Complete details:Performing lab Result Conclusion Person responsible for reporting **Synthesis and overview****S5.01 AJCC Tumour stage** (see opposite)T N M Stage Grouping **S5.02 Year of publication and edition of cancer staging system****G5.01 Diagnostic summary**

Include: Type of operation, Anatomical site, Tumour type; Histological grade; Depth of invasion; Lymphovascular invasion; Perineural invasion; Involved or close margins with measurements; Severe dysplasia; Type of neck dissection (if present); Presence or absence of metastatic tumour in lymph nodes and level of involved nodes; Presence or absence of extra-capsular spread of tumour; Tumour stage.

**G5.02 Other relevant comments****AJCC Stage & stage group##****Primary Tumour (T)**

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

Tis Carcinoma in situ

T1 Tumour 2 cm or less in greatest dimension

T2 Tumour more than 2 cm but not more than 4 cm in greatest dimension

T3 Tumour more than 4 cm in greatest dimension

T4a Moderately advanced local disease.

(lip) Tumour invades through cortical bone, inferior alveolar nerve, floor of mouth, or skin of face, i.e., chin or nose

(oral cavity) Tumour invades adjacent structures only (e.g., through cortical bone, [mandible or maxilla] into deep [extrinsic] muscle of tongue [genioglossus, hyoglossus, palatoglossus, and styloglossus], maxillary sinus, skin of face)

T4b Very advanced local disease. Tumour invades masticator space, pterygoid plates, or skull base and/or encases internal carotid artery

**Regional Lymph Nodes (N)**

NX Regional lymph nodes cannot be assessed

N0 No regional lymph node metastasis

N1 Metastasis in a single ipsilateral lymph node, 3 cm or less in greatest dimension

N2 Metastasis in a single ipsilateral lymph node, more than 3 cm but not more than 6 cm in greatest dimension; or in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension; or in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension

N2a Metastasis in single ipsilateral lymph node more than 3 cm but not more than 6 cm in greatest dimension

N2b Metastasis in multiple ipsilateral lymph nodes, none more than 6 cm in greatest dimension

N2c Metastasis in bilateral or contralateral lymph nodes, none more than 6 cm in greatest dimension

N3 Metastasis in a lymph node more than 6 cm in greatest dimension

**Distant Metastasis (M)**

M0 No distant metastasis

M1 Distant metastasis

**Anatomic Stage/Prognostic Groups**

Stage 0 Tis N0 M0

Stage I T1 N0 M0

Stage II T2 N0 M0

Stage III T3 N0 M0

T1 N1 M0

T2 N1 M0

T3 N1 M0

Stage IVA T4a N0 M0

T4a N1 M0

T1 N2 M0

T2 N2 M0

T3 N2 M0

T4a N2 M0

Stage IVB Any T N3 M0

T4b Any N M0

Stage IVC Any T Any N M1

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Worksheet prepared by:

On: