## Clinical information

**S1.02** Not provided OR

<table>
<thead>
<tr>
<th>Anatomical site of lesion</th>
</tr>
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<tbody>
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<table>
<thead>
<tr>
<th>Laterality of the lesion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left</td>
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<tr>
<td>Right</td>
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</table>

<table>
<thead>
<tr>
<th>Clinical history</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Human papilloma virus (HPV) status</th>
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<thead>
<tr>
<th>Clinical diagnosis or differential diagnosis</th>
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</table>

### Operative procedure

- Not specified
- Biopsy (excisional, incisional), specify
- Resection, specify
  - Glossectomy, specify
  - Buccal mucosa, specify
  - Lip, specify
  - Mandibulectomy, specify
  - Maxillectomy, specify
  - Palatectomy, specify
- Neck (lymph node) dissection*, specify
- Other, specify

* If a neck dissection is submitted, then a separate protocol is used to record the information.

### Any involvement of adjacent structures

- Not stated
**Macroscopic findings**

**S2.01 SPECIMEN LABELLED AS**

**S2.02 OPERATIVE PROCEDURE**

- Not specified
- Biopsy (excisional, incisional), specify
  - Specimen attached
  - Not attached
- Resection, specify
  - Buccal mucosa, specify
  - Lip, specify
  - Mandiblectomy, specify
  - Maxillectomy, specify
  - Palatectomy, specify
- Neck (lymph node) dissection*, specify
- Other, specify

* If a neck dissection is submitted, then a separate protocol is used to record the information.

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

- Not specified
- Buccal mucosa
- Buccal vestibule
- Retromolar trigone
- Alveolar process
- Mandible
- Maxilla
- Lip
- Tongue
- Gingiva
- Floor of mouth
- Hard palate
- Other, specify

**Appearance**

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*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

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Page 2 of 4
**S2.04 *MACROSCOPIC TUMOUR SITE* (select all that apply)**

**Lip**
- Vermilion border upper lip
  - Left
  - Right
  - Midline
- Vermilion border lower lip
  - Left
  - Right
  - Midline
- Mucosa of upper lip
  - Left
  - Right
  - Midline
- Mucosa of lower lip
  - Left
  - Right
  - Midline
- Commissure of lip
  - Left
  - Right
  - Midline
  - Laterality not specified

**Oral cavity**
- Lateral border of tongue
  - Left
  - Right
  - Midline
  - Laterality not specified
- Ventral surface of tongue, not otherwise specified (NOS)
  - Left
  - Right
  - Midline
  - Laterality not specified
- Dorsal surface of tongue, NOS
  - Left
  - Right
  - Midline
  - Laterality not specified
- Anterior two-thirds of tongue, NOS
  - Left
  - Right
  - Midline
  - Laterality not specified
- Upper gingiva (gum)
  - Left
  - Right
  - Midline
  - Laterality not specified
- Anterior floor of mouth
  - Left
  - Right
  - Midline
  - Laterality not specified
- Floor of mouth, NOS
  - Left
  - Right
  - Midline
  - Laterality not specified
- Hard palate
  - Left
  - Right
  - Midline
  - Laterality not specified
- Buccal mucosa (inner cheek)
  - Left
  - Right
  - Midline
  - Laterality not specified
- Retromolar trigone
  - Left
  - Right
  - Laterality not specified
- Vestibule of mouth
  - Maxillary
    - Left
    - Right
    - Midline
    - Laterality not specified
  - Mandibular
    - Left
    - Right
    - Midline
    - Laterality not specified
- Alveolar process
  - Maxillary
    - Left
    - Right
    - Midline
    - Laterality not specified
  - Mandibular
    - Left
    - Right
    - Midline
    - Laterality not specified
- Other, specify including laterality

**G2.01 *TUMOUR FOCALITY***

- Unifocal
- Bilateral
- Multifocal, specify number of tumours in specimen

**G2.05 *TUMOUR DIMENSIONS* (select all that apply)**

- Cannot be determined/surgical resection margins involved
- Maximum tumour surface dimension (largest tumour)
  - mm
- Macroscopic depth of invasion
  (to reconstructed basement membrane)
  - mm

**S2.06 INK APPLICATION AND BLOCK IDENTIFICATION KEY**

**G2.02 ADDITIONAL MACROSCOPIC COMMENTS**

**Microscopic findings**

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

*Value list from the World Health Organization Classification*

- Squamous cell carcinoma
  - Conventiona
  - Verrucous carcinoma
  - Basaloid squamous cell carcinoma
  - Papillary squamous cell carcinoma
  - Spindle cell carcinoma
  - Acantholytic squamous cell carcinoma
  - Adenosquamous cell carcinoma
  - Carcinoma cuniculatum
- Salivary gland neoplasm
- Neuroendocrine carcinoma, specify type
- Secretory carcinoma
- Mucopidermoid carcinoma
  - Low grade
  - Intermediate grade
  - High grade
### TUMOUR TYPE (continued)

- **Adenoid cystic carcinoma**
  - Tubular/cribriform pattern predominant
  - Solid pattern (specify if <30% or >30%)

- **Polymorphous adenocarcinoma**
  - Classic, specify grade
  - Cribriform

- **(Hyalinizing) Clear cell carcinoma**

- **Myoepithelial carcinoma**

- **Adenocarcinoma, NOS**
  - Low grade
  - Intermediate grade
  - High grade

- **Carcinoma ex pleomorphic adenoma, specify tumour type(s) eg salivary duct adenocarcinoma, NOS**
  - Intracapsular
  - Minimally invasive
  - Widely invasive

- **Undifferentiated (no or limited differentiation)**

- **Other, specify type**

- **Cannot be assessed, specify**

### HISTOLOGICAL TUMOUR GRADE (Conditional on squamous cell carcinoma selected in S3.01)

- **Not applicable**
- **GX: Cannot be assessed**
- **G1: Well differentiated**
- **G2: Moderately differentiated**
- **G3: Poorly differentiated**

- **Cannot be assessed, specify**

### TUMOUR SIZE (greatest surface dimensions or diameter)

- **length mm x width mm**

### DEPTH OF INVASION

- **≤5 mm depth of invasion**
- **>5 mm and ≤10 mm depth of invasion**
- **>10 mm depth of invasion**

- **Cannot be assessed, specify**

### GROWTH PATTERN OF INVASION AT INVASIVE FRONT

- **Cohesive**
  - Broad bulbous islands of cells
  - Strands of cells (>15 cells across)

- **Non-cohesive**
  - Narrow strands or small islands of infiltrating cells
  - Single infiltrating keratinocytes
  - Widely dispersed

### RESPONSE TO NEOADJUVANT THERAPY

- **No prior treatment**
- **Incomplete response**
- **Complete response**

- **Response cannot be assessed, explain reasons**

### LYMPHOVASCULAR INVASION

- **Not identified**
- **Present**

- **Cannot be assessed, specify**

### PERINEURAL INVASION AT TUMOUR FRONT

- **Large (>1 mm diameter)**
- **Small (<1 mm diameter)**

- **Cannot be assessed, specify**

### BONE INVASION

- **Not applicable**
- **Absent**

- **Present**
  - Erosive (cortical)
  - Infiltrative (medullary involvement)

- **Cannot be assessed, specify**

### INVOLVEMENT OF ADJACENT STRUCTURES

- **Absent**

- **Present, specify sites**
**G3.04 RADIATION INDUCED TISSUE DAMAGE**
- Not identified
- Identified, specify (describe induced damage, if possible)
- Cannot be assessed, specify (describe reason, if possible)

**Ancillary findings**

**G4.01 ANCILLARY STUDIES**
- Not performed
- Performed, specify

**IMMUNOHISTOCHEMICAL STAINS**
- Antibodies (list as applicable)
  - Positive
  - Negative
  - Equivocal

**IN SITU HYBRIDISATION**
- Record performing laboratory, result, conclusion, person responsible for reporting

**CYTOGENETICS**
- Record performing laboratory, result, conclusion, person responsible for reporting

**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

**Primary tumour (T)**
- TX Primary tumour cannot be assessed
- Tis Carcinoma in situ
- T1 Tumour <2 cm with depth of invasion (DOI)* <5 mm
- T2 Tumour <2 cm, with DOI* >5 mm and <10 mm or tumour >2 cm and <4 cm, with DOI* <10 mm
- T3 Tumour >2 cm and <4 cm with DOI* >10 mm or tumour >4 cm with DOI* <10 mm
- T4 Moderately advanced or very advanced local disease
  - T4a Moderately advanced local disease.
    - Tumour >4 cm with DOI* >10 mm or tumour invades adjacent structures only (e.g., through cortical bone of the mandible or maxilla, or involves the maxillary sinus or skin of the face)
  - T4b Very advanced local disease.
    - Tumour invades masticator space, pterygoid plates, or skull base and/or encases internal carotid artery

Note: Superficial erosion of bone/tooth socket (alone) by a gingival primary is not sufficient to classify a tumour as T4

*DOI is depth of invasion and not tumour thickness
**G5.01 DIAGNOSTIC SUMMARY**

Include:
- Type of specimen
- Anatomical site
- Tumour type
- Histological grade
- Tumour dimensions
- Depth of invasion
- Pattern of invasion
- Lymphovascular invasion
- Perineural invasion
- Bone invasion
- Involvement or close margins with measurements.

**S5.03 OVERARCHING COMMENT**

**S5.02**

**Year of publication and edition of cancer staging system**

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

**NX** Regional lymph nodes cannot be assessed

**N0** No regional metastases

**N1** Metastasis in a single ipsilateral lymph node, 3 cm or smaller in greatest dimension and ENE(-)

**N2** Metastasis in a single ipsilateral lymph node, 3 cm or smaller in greatest dimension and ENE(+); or larger than 3 cm but not larger than 6 cm in greatest dimension and ENE(-); or metastasis in multiple ipsilateral lymph nodes, none larger than 6 cm in greatest dimension and ENE(-);

**N2a** Metastasis in single ipsilateral node 3 cm or smaller in greatest dimension and ENE(+);

**N2b** Metastasis in multiple ipsilateral nodes, none larger than 6 cm in greatest dimension and ENE(-);

**N2c** Metastasis in bilateral or contralateral lymph node(s), none larger than 6 cm in greatest dimension and ENE(-);

**N3** Metastasis in a lymph node larger than 6 cm in greatest dimension and ENE(-);

**N3a** Metastasis in a single ipsilateral node larger than 3 cm in greatest dimension and ENE(+);

**N3b** Metastasis in multiple ipsilateral, contralateral or bilateral nodes any with ENE(+);

**N3c** Metastasis in a single contralateral node of any size and ENE(+);

**M0** No distant metastasis

**M1** Distant metastasis

**Anatomic Stage / Prognostic Group**

**Stage 0** Tis N0 M0

**Stage I** T1 N0 M0

**Stage II** T2 N0 M0

**Stage III** T3 N0 M0

**Stage IV** T4a N0 M0

**Stage IVA** T4a N1 M0

**Stage IVB** Any T N3 M0

**Stage IVC** Any T Any N M1