# A guide to Malignant Odontogenic Tumours Histopathology Reporting

Includes the International Collaboration on Cancer reporting dataset denoted by *

<table>
<thead>
<tr>
<th>Clinical details</th>
<th>Microscopic findings (cont.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S1.02</strong> Clinical information on request form</td>
<td><strong>S3.04</strong> <em>Lymphovascular invasion</em> Cannot be assessed, specify Present</td>
</tr>
<tr>
<td><strong>S1.03</strong> Pathology accession number</td>
<td><strong>S3.05</strong> <em>Perineural invasion</em> Cannot be assessed, specify Present</td>
</tr>
<tr>
<td><strong>S1.04</strong> Principal clinician</td>
<td><strong>S3.06</strong> <em>MARGIN STATUS</em> Cannot be assessed, specify</td>
</tr>
<tr>
<td><strong>G1.02</strong> Comments</td>
<td><strong>Bony margin</strong> Not involved* Involved**</td>
</tr>
<tr>
<td><strong>S2.01</strong> Specimen labelled as</td>
<td><strong>Distance of tumour from closest margin</strong> __mm Cannot be assessed, specify</td>
</tr>
<tr>
<td><strong>S2.02</strong> <em>Specimen submitted</em></td>
<td><strong>Margin(s) involved</strong> Text</td>
</tr>
<tr>
<td><strong>S2.03</strong> <em>Tumour site</em></td>
<td><strong>S2.04</strong> <em>Maximum tumour dimension</em> Cannot be assessed, specify OR __mm</td>
</tr>
<tr>
<td><strong>S2.05</strong> Differential ink application and block identification key</td>
<td><strong>S2.06</strong> <em>Distance of tumour from closest margin</em> __mm Cannot be assessed, specify</td>
</tr>
<tr>
<td><strong>G2.02</strong> Additional macroscopic comments</td>
<td><strong>Margin(s) involved</strong> Text</td>
</tr>
<tr>
<td><strong>Microscopic findings</strong></td>
<td><strong>Other, specify</strong> Not involved* Involved**</td>
</tr>
<tr>
<td><strong>S3.01</strong> <em>Histological tumour type</em> See p2</td>
<td><strong>Distance of tumour from closest margin</strong> __mm Cannot be assessed, specify</td>
</tr>
<tr>
<td><strong>S3.02</strong> <em>Histologic grade</em> (For primary intraosseus cell carcinoma only)</td>
<td><strong>Margin(s) involved</strong> Text</td>
</tr>
<tr>
<td><strong>S3.03</strong> <em>Necrosis</em> Cannot be assessed, specify Present</td>
<td><strong>Radiation induced tissue damage</strong> Not identified Identifierd, specify Can't be assess'd, specify</td>
</tr>
<tr>
<td><strong>S3.04</strong> <em>Extent of invasion</em> See p2</td>
<td></td>
</tr>
</tbody>
</table>

## Macroscopic findings

- **G1.01** Copy To doctors recorded
- **S1.02** Clinical information on request form
- **S1.03** Pathology accession number
- **S1.04** Principal clinician
- **G1.02** Comments

## Microscopic findings

- **S2.01** Specimen labelled as
- **S2.02** *Specimen submitted*
- **S2.03** *Tumour site*
- **S2.04** *Maximum tumour dimension*
- **G2.01** *Additional dimensions* (largest tumour) __x__mm
- **S2.05** Differential ink application and block identification key
- **G2.02** Additional macroscopic comments

## Ancillary test findings

- **G4.01** *Ancillary studies* Not performed Performed, specify

## Synthesis and overview

- **G5.01** Diagnostic summary Include:
  - a. Type of specimen; b. Tumour site; c. Maximum tumour dimension; d. Tumour type; e. Histological grade; f. Necrosis; g. Lymphovascular invasion; h. Perineural invasion; i. Involved or close margins with measurement*
  - *Specify involvement of bony and/or soft tissue margins.

- **S5.01** Overarching Comment Text
- **G5.02** Edition/version of RCPA protocol Text
S1.02 Type of operation / S2.02 Specimen submitted

Not specified
OR
Select all that apply:

- Debunking/curettage
- Biopsy (excisional, incisional), specify
- Resection, specify
- Neck (lymph node) dissection*, specify
- Other, specify

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

Neoadjuvant therapy

- Information not provided
- Not administered
- Administered, specify type (select all that are applicable)
  - Chemotherapy
  - Radiotherapy
  - Targeted therapy, specify if available
  - Immunotherapy, specify if available
  - Time interval since therapy, specify

S2.03 Tumour Site

Cannot be assessed
OR
Select all that apply:

- Laterality
  - Left
  - Midline
  - Right
  - Laterality not specified

- Mandible
  - Ramus
  - Condyle
  - Coronoid process
  - Body
  - Anterior

- Maxilla
  - Nasal cavity/paranasal sinus (maxillary sinus)
  - Molar region alveolar process
  - Premolar region alveolar process
  - Incisor/canine region alveolar process
  - Zygomatic process
- Extraosseous, specify site
- Other, specify including laterality

S3.01 Histological Tumour Type

Cannot be assessed, specify
OR
Select all that apply:

- Odontogenic carcinomas
  - Ameloblastic carcinoma
  - Primary intraosseous carcinoma, not otherwise specified (NOS)
  - Sclerosing odontogenic carcinoma
  - Clear cell odontogenic carcinoma
  - Ghost cell odontogenic carcinoma
- Odontogenic carcinosarcoma
- Odontogenic sarcoma
- Other (hybrid etc.), specify

G3.01 Extent of invasion

- Not identified
- Entirely intraosseous
- Cortex perforated but extent limited by periosteum
- Infiltrated into soft tissue beyond the periosteum
- Other, specify