



# Carcinomas of the Oral Cavity Histopathology Reporting Guide

Family/Last name Date of birth Given name(s) Patient identifiers Date of request Accession/Laboratory number Elements in **black text** are CORE. Elements in **grey text** are NON-CORE.

SCOPE OF THIS DATASET

**NEOADJUVANT THERAPY**

- Information not provided  
 Not administered  
 Administered, *specify type*

- Chemotherapy  
 Radiotherapy  
 Targeted therapy, *specify if available*


- Immunotherapy, *specify if available*

**OPERATIVE PROCEDURE** (select all that apply) 

- 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 dataset is used to record the information.

**SPECIMENS SUBMITTED** (select all that apply) 

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

**TUMOUR SITE** (select all that apply) 

- Not specified

**Lip**

- Vermilion border upper lip  
 Left  Right  
 Midline  Laterality not specified
- Vermilion border lower lip  
 Left  Right  
 Midline  Laterality not specified

- Mucosa of upper lip  
 Left  Right  
 Midline  Laterality not specified

- Mucosa of lower lip  
 Left  Right  
 Midline  Laterality not specified

- Commisure of lip  
 Left  Right  Laterality not specified

**Oral cavity**

- Lateral border of tongue  
 Left  Right  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

- Lower 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       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

Mandible  
 Left       Right  
 Midline       Laterality not specified

Maxilla  
 Left       Right  
 Midline       Laterality not specified

Other, *specify including laterality*

**TUMOUR FOCALITY** 

Unifocal  
 Bilateral  
 Multifocal, *specify number of tumours in specimen*  
  
 Cannot be assessed, *specify*


**TUMOUR DIMENSIONS** (select all that apply) 

Cannot be determined/surgical resection margins involved

Maximum tumour dimension (largest tumour)  
 mm

Additional dimensions (largest tumour)  
 mm x  mm

Maximum depth of invasion  
 (to reconstructed basement membrane)  
 mm

**HISTOLOGICAL TUMOUR TYPE** (select all that apply)   
 (Value list from the World Health Organization Classification of Head and Neck Tumours (2017))

Squamous cell carcinoma  
 Squamous cell carcinoma, conventional type  
 Basaloid squamous cell carcinoma  
 Papillary squamous cell carcinoma  
 Verrucous carcinoma  
 Spindle (sarcomatoid) squamous cell carcinoma  
 Adenosquamous cell carcinoma  
 Acantholytic squamous cell carcinoma  
 Carcinoma cuniculatum  
 Lymphoepithelial squamous cell carcinoma  
 Other, *specify*

Minor salivary gland tumour, *specify type*

Neuroendocrine carcinoma, *specify type*

Other, *specify type*

Cannot be assessed, *specify*

**HISTOLOGICAL TUMOUR GRADE**   
 (Required for conventional squamous cell carcinoma only)

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

**DEPTH OF INVASION** 

(Resection specimens and excisional biopsies only, not applicable to incisional biopsies)

≤5 mm depth of invasion  
 >5 mm and ≤10 mm depth of invasion  
 >10 mm depth of invasion  
 Cannot be assessed, *specify*

**PATTERN OF INVASIVE FRONT** 

(Resection specimens and excisional biopsies only, not applicable to incisional biopsies)

- Cohesive
- Non-cohesive
- Widely dispersed

**RESPONSE TO NEOADJUVANT THERAPY** 

- No prior treatment
- Incomplete response
- Complete response
- Response cannot be assessed, *explain reasons*

**BONE INVASION** 

- Not identified
- Present
  - Erosive (cortical)
  - Infiltrative (medullary involvement)

Cannot be assessed, *specify*

**PERINEURAL INVASION** 

- Not identified
- Present

Nerve size, if known  mm

Cannot be assessed, *specify*

**LYMPHOVASCULAR INVASION** 

- Not identified
- Present

Cannot be assessed, *specify*

**MARGIN STATUS** 

**Invasive carcinoma**

Involved  
Specify margin(s), if possible

Not involved  
Distance of tumour from closest margin  mm

Distance not assessable

Specify closest margin, if possible

**Carcinoma in situ/moderate to severe dysplasia**

Involved  
Specify margin(s), if possible

Not involved  
Distance of tumour from closest margin  mm

Distance not assessable

Specify closest margin, if possible

Cannot be assessed, *specify*

**COEXISTENT PATHOLOGY** (select all that apply) 

- None identified
- Proliferative verrucous leukoplakia
- Fungal infection
- Dysplasia, *specify grade*

- HPV positive dysplasia
- Submucous fibrosis
- Inflammation
- Other, *specify*

**ANCILLARY STUDIES** 

- Not performed
- Performed, *specify*

**PATHOLOGICAL STAGING (UICC TNM 8th edition)\*\*** 

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

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

**Primary tumour (pT)\*\***

- TX Primary tumour cannot be assessed
- Tis Carcinoma in situ
- T1 Tumour 2 cm or less in greatest dimension and 5 mm or less depth of invasion\*\*\*
- T2 Tumour 2 cm or less in greatest dimension and more than 5 mm depth of invasion or, tumour more than 2 cm but not more than 4 cm in greatest dimension and depth of invasion no more than 10 mm
- T3 Tumour more than 2 cm but not more than 4 cm in greatest dimension and depth of invasion more than 10 mm or tumour more than 4 cm in greatest dimension and not more than 10 mm depth of invasion
- T4a (Lip) Tumour invades through cortical bone, inferior alveolar nerve, floor of mouth, or skin (of the chin or the nose)
- T4a (Oral cavity) Tumour more than 4 cm in greatest dimension and more than 10 mm depth of invasion or tumour invades through the cortical bone of the mandible or maxilla or involves the maxillary sinus, or invades the skin of the face
- T4b (Lip and oral cavity) Tumour invades masticator space, pterygoid plates, or skull base, or encases internal carotid artery

\*\* *Note that the results of lymph node/neck dissection are derived from a separate dataset.*

\*\*\* *Superficial erosion alone of bone/tooth socket by gingival primary is not sufficient to classify a tumour as T4a.*

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