

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 or 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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