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Carcinomas of the Nasal Cavity and Paranasal Sinuses 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, *specify*
- Resection, *specify*
- Endoscopic nasal procedure, *specify*
- Partial maxillectomy
- Radical maxillectomy
- Orbito-maxillary resection
- Craniofacial resection
 - Open
 - Endoscopic
- Other, *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
 - Nasal cavity
 - Septum
 - Lateral wall
 - Floor
 - Vestibule
 - Paranasal sinus(es), maxillary
 - Paranasal sinus(es), ethmoid
 - Paranasal sinus(es), frontal
 - Paranasal sinus(es), sphenoid
 - Other, *specify*
-

TUMOUR SITE (select all that apply)

- Cannot be assessed
 - Nasal cavity
 - Septum
 - Left
 - Right
 - Midline
 - Laterality not specified
 - Floor
 - Left
 - Right
 - Laterality not specified
 - Lateral wall
 - Left
 - Right
 - Laterality not specified
 - Vestibule
 - Left
 - Right
 - Laterality not specified
 - Paranasal sinus(es), maxillary
 - Left
 - Right
 - Laterality not specified
 - Paranasal sinus(es), ethmoid
 - Left
 - Right
 - Laterality not specified
 - Paranasal sinus(es), frontal
 - Left
 - Right
 - Laterality not specified
 - Paranasal sinus(es), sphenoid
 - Left
 - Right
 - Laterality not specified
 - Cribriform plate
 - Left
 - Right
 - Laterality not specified
 - Other, *specify including laterality*
-

TUMOUR FOCALITY

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

TUMOUR DIMENSIONS

Maximum tumour dimension (largest tumour)

 mm

Additional dimensions (largest tumour)

 mm x mm

- Cannot be assessed, *specify*

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

- Keratinising squamous cell carcinoma
- Non-keratinising squamous cell carcinoma
- Spindle cell squamous carcinoma
- NUT carcinoma
- Other squamous cell carcinoma variant, *specify*

- Sinonasal undifferentiated carcinoma
- Lymphoepithelial carcinoma
- Neuroendocrine carcinoma
 - Small cell neuroendocrine carcinoma
 - Large cell neuroendocrine carcinoma

- Adenocarcinoma
 - Intestinal-type adenocarcinoma
 - Non-intestinal-type adenocarcinoma

- Salivary type carcinomas, *specify*

- Other carcinoma type, *specify*

- Cannot be assessed, *specify*

HISTOLOGICAL TUMOUR GRADE

- Not applicable
- GX: Cannot be assessed
- G1: Well differentiated
- G2: Moderately differentiated
- G3: Poorly differentiated
- G4: Undifferentiated
- Other, *specify*

- Cannot be assessed, *specify*

BONE/CARTILAGE INVASION

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

- Cannot be assessed, *specify*

PERINEURAL INVASION

- Not identified
- Present
- 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 from invasive tumour to:

Deep margin mmMucosal margin mm

- Distance not assessable

Carcinoma in situ/high-grade dysplasia**

- Involved

Specify margin(s), if possible

- Not involved

Distance from closest margin mm

- Distance not assessable

Specify closest margin, if possible

- Cannot be assessed, *specify*

** High-grade dysplasia is synonymous with moderate/severe dysplasia.

COEXISTENT PATHOLOGY (select all that apply) 

- None identified
- Carcinoma in situ
- Sinonasal papilloma
- Intestinal metaplasia
- Squamous metaplasia
- Epithelial hyperplasia
- Epithelial dysplasia, *specify*

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

Maxillary sinus

- T1 Tumour limited to the mucosa with no erosion or destruction of bone
- T2 Tumour causing bone erosion or destruction, including extension into the hard palate and/or middle nasal meatus, except extension to posterior wall of maxillary sinus and pterygoid plates
- T3 Tumour invades any of the following: bone of posterior wall of maxillary sinus, subcutaneous tissues, floor or medial wall of orbit, pterygoid fossa, or ethmoid sinuses
- T4a Tumour invades any of the following: anterior orbital contents, skin of cheek, pterygoid plates, infratemporal fossa, cribriform plate, sphenoid or frontal sinuses
- T4b Tumour invades any of the following: orbital apex, dura, brain, middle cranial fossa, cranial nerves other than maxillary division of trigeminal nerve (V2), nasopharynx, or clivus

*** Note that the results of [lymph node/neck dissection](#) are derived from a separate dataset.

Nasal cavity and ethmoid sinus

- T1 Tumour restricted to one subsite of nasal cavity or ethmoid sinus, with or without bony invasion
- T2 Tumour involves two subsites in a single site or extends to involve an adjacent site within the nasoethmoidal complex, with or without bony invasion
- T3 Tumour extends to invade the medial wall or floor of the orbit, maxillary sinus, palate, or cribriform plate
- T4a Tumour invades any of the following: anterior orbital contents, skin of nose or cheek, minimal extension to anterior cranial fossa, pterygoid plates, sphenoid or frontal sinuses
- T4b Tumour invades any of the following: orbital apex, dura, brain, middle cranial fossa, cranial nerves other than V2, nasopharynx, or clivus

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