

A guide to Carcinomas of the Nasal Cavity and Paranasal Sinuses Histopathology Reporting

Includes the  International Collaboration on Cancer reporting dataset denoted by *



Clinical details			Microscopic findings		
S1.02	Clinical info. on request form	Not provided OR Text OR Structured entry below:	S3.01	*Histological tumour type	See p2
	*Neoadjuvant therapy	See p2	S3.02	*Histological grade	See p3
	*Operative procedure	See p2	S3.03	*Bone/cartilage invasion	See p3
	*Specimen submitted	See p2	S3.04	Tumour site	Text
	Anatomical site of the lesion	Text	S3.05	Tumour size (greatest surface dimensions or diameter)	_ x _ mm Notes: length x width
	Laterality of the lesion	Left Right	S3.06	*Perineural invasion	Cannot be assessed, <i>specify</i> Not identified Present
	Clinical history	Text	S3.07	*Lymphovascular invasion	Cannot be assessed, <i>specify</i> Not identified Present
	Clinical diagnosis or differential diagnosis	Text	S3.08	*MARGIN STATUS	
	New primary lesion or recurrence	New primary Recurrence - regional, <i>describe</i> Recurrence - distant, <i>describe</i>		Invasive carcinoma	Not involved Involved
G1.01	Copy To doctors recorded	Text		If not involved by invasive carcinoma, record the distance from invasive tumour to Deep margin and Mucosal margin	
S1.03	Pathology accession number	Text		If involved, specify margin(s) if possible	
S1.04	Principal clinician	Text		Distance from invasive tumour to deep margin	_ mm OR Distance not assessable
G1.02	Comments	Text		Distance from invasive tumour to mucosal margin	_ mm OR Distance not assessable
Macroscopic findings				Margins involved	Text
S2.01	Specimen labelled as	Text		Carcinoma in situ/high grade dysplasia	Not involved Involved
G2.01	Specimen dimensions	_x_ mm Notes: Record measurements for each specimen submitted		If not involved by Carcinoma in situ/high grade dysplasia, record the distance of tumour from the closest margin.	
G2.02	Mucosal surface abnormalities/lesion(s)	Not identified Present, <i>describe and measure</i>		If involved, specify margin(s) if possible	
S2.02	*Tumour site	See p2		Distance from closest margin	_ mm
G2.03	*Tumour focality	See p2		Closest margin	Text
G2.04	*Maximum dimension of largest tumour	Cannot be assessed OR _ mm		Margin(s) involved	Text
G2.05	*Additional dimensions of largest tumour	_ x _ mm	G3.01	*Coexistent pathology	None identified OR Carcinoma in situ Sinonasal papilloma Intestinal metaplasia Squamous metaplasia Epithelial hyperplasia Epithelial dysplasia, <i>specify</i> Other, <i>specify</i>
G2.06	Tumour description	See p2		Radiation induced tissue damage	Not identified Identified, <i>specify</i> Can't be assess'd, <i>specify</i>
S2.03	Macroscopic depth of invasion	_ mm		*If identified, specify a description of induced damage, if possible	
S2.04	Surgical margins	Text AND _ mm		*If cannot be assessed, specify a reason, if possible	
S2.05	Block identification key	Text	G3.02	Additional microscopic comment	Text
G2.07	Additional macroscopic comments	Text			

Ancillary test findings

G4.01 *Ancillary studies	Not performed Performed, <i>specify test, result, method</i>
Ancillary test performed	<i>IHC</i> <i>ISH</i> <i>Cytogenetics</i>
If immunohistochemistry, record antibodies, interpretation and clinical significance.	
If in-situ hybridisation or cytogenetics, record performing lab, results, conclusions and person responsible for reporting.	
Antibodies	+ <i>antibodies</i> - <i>antibodies</i> <i>Equiv antibodies</i>
Interpretation	<i>Text</i>
Clinical significance	<i>Text</i>
Performing laboratory	<i>Text</i>
Result	<i>Text</i>
Conclusion	<i>Text</i>
Person responsible for reporting	<i>Text</i>

Synthesis and overview

S5.01 *PATHOLOGICAL STAGING	See p3
S5.02 Year and Edition of staging system	Text
G5.01 Diagnostic summary	Text
Include: Specimen(s) submitted; Tumour type; Tumour grade; Tumour stage	
S5.03 Overarching comment	Text
G5.02 Edition/version of RCPA protocol	Text

S1.02 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*

Operative procedure

- Biopsy, *specify*
- Resection, *specify*
 - Endoscopic nasal procedure, *specify*
 - Partial maxillectomy
 - Radical maxillectomy
 - Orbito-maxillary resection
 - Open
 - Endoscopic
 - Other, *specify*
- Neck (lymph node) dissection*, *specify*
- Other, *specify*

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

Specimen submitted

Select all that apply:

- Nasal cavity
 - Lateral wall
 - Vestibule
 - Septum
 - Floor
- Paranasal sinus(es), maxillary
- Paranasal sinus(es), ethmoid
- Paranasal sinus(es), frontal
- Paranasal sinus(es), sphenoid
- Other, *specify*

S2.02 Tumour site

Select all that apply:

- Cannot be assessed
- Nasal cavity
 - Septum
 - Left
 - Midline
 - Right
 - 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*

G2.03 Tumour focality

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

G2.06 Tumour description

Select all that apply:

- Exophytic
- Endophytic
- Ulcerated
- Polypoid
- Nodular

S3.01 Histological tumour type

Cannot be assessed, *specify*

OR

Select all that apply:

- 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*

S3.02 Histological grade

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

S3.03 Bone/cartilage invasion

- Cannot be assessed, *specify*
- Not identified
- Present
 - o Erosive (cortical)
 - o Infiltrative (medullary involvement)

S5.01 Pathological staging (AJCC 8th Edition)^{##}

TNM descriptors

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

Nasal Cavity and Ethmoid Sinus

- TX Primary tumour cannot be assessed
- Tis Carcinoma *in situ*
- T1 Tumour restricted to any one subsite, with or without bony invasion
- T2 Tumour invading two subsites in a single region or extending to involve an adjacent region 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
- T4 Moderately advanced or very advanced local disease
- T4a Moderately advanced local disease
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 Very advanced local disease
Tumour invades any of the following: orbital apex, dura, brain, middle cranial fossa, cranial nerves other than (V2), nasopharynx, or clivus

Maxillary Sinus

- TX Primary tumour cannot be assessed
- Tis Carcinoma *in situ*
- T1 Tumour limited to maxillary sinus 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 the posterior wall of maxillary sinus, subcutaneous tissues, floor or medial wall of orbit, pterygoid fossa, ethmoid sinuses
- T4 Moderately advanced or very advanced local disease
- T4a Moderately advanced local disease
Tumour invades anterior orbital contents, skin of nose or cheek, minimal extension to anterior cranial fossa, pterygoid plates, sphenoid or frontal sinuses
- T4b Very advanced local disease
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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