

A guide to Ear and Temporal Bone Tumours Histopathology Reporting



Includes the  International Collaboration on Cancer reporting dataset denoted by *

Clinical details		Microscopic findings	
S1.02	Clinical info. on request form (complete as narrative or use the structured format below)	Text	S3.01 * Histological tumour type See p2
	* Operative procedure	See p2	S3.02 * Histologic tumour grade N/A Low grade (well diff) Intermediate grade (mod diff) High grade (poorly diff) Can't be assess'd, <i>specify</i>
	Neoadjuvant therapy	See p2	S3.03 * Extent of invasion See p2
	New primary cancer or recurrence (Record if previous local therapy)	New primary Recurrence-regional, <i>describe</i> Recurrence-distant, <i>describe</i>	S3.04 * Bone/Cartilage invasion Can't be assess'd, <i>specify</i> Not identified Present - Clinical observation and /or imaging - Histologic
G1.01	Copy to doctor	Text	S3.05 * Perineural invasion Can't be assess'd, <i>specify</i> Not identified Present
S1.03	Pathology accession number	Text	S3.06 * Lymphovascular invasion Can't be assess'd, <i>specify</i> Not identified Present
S1.04	Principal clinician	Text	S3.07 * Margin status For each margin, specify: * If not involved, state - distance of tumour to closest margin - closest margin * If involved by carcinoma, specify margin(s), if possible
G1.02	Comments	Text	Can't be assess'd <i>specify</i> Not involved Involved Distance not assessable OR __ mm Skin Soft tissue Bone Parotid gland Text
Macroscopic findings			G3.01 * Coexistent pathology (choose all that apply) Not identified OR Chronic otitis media Cholesteatoma Osteomyelitis (acute, chronic) Other, <i>specify</i>
S2.01	Specimen labelled as	Text	G3.02 Radiation induced tissue damage *If identified, specify a description of induced damage, if possible *If cannot be assessed, specify a reason, if possible
S2.02	* Operative procedure	See p2	G3.03 Other microscopic comment Text
S2.03	* Specimen submitted (Select all that apply)	Not specified Biopsy only OR Sleeve resection of temporal bone Lateral temporal bone Subtotal temporal bone resection Partial mastoidectomy with middle ear contents Radical mastoidectomy Parotidectomy (whether superficial and/or deep lobes) Neck dissection, specify extent Other, <i>specify</i>	
S2.04	Specimen dimensions	_x_x_ mm	
S2.05	* Maximum dimension of largest tumour	Can't be assess'd, <i>specify</i> OR _ mm	
G2.01	*Additional dimensions of largest tumour	_x_ mm	
G2.02	Depth of invasion	_ mm	
S2.06	* Tumour site	See p2	
G2.03	*Tumour focality	See p2	
G2.04	Tumour description	See p2	
G2.05	Macroscopic extent of invasion	See p2	
S2.07	Ink and block identification key	Text	Ancillary test findings
G2.06	Additional macroscopic comment	Text	G4.01 * Ancillary studies Not performed Performed, <i>specify</i>

Synthesis and overview

S5.01 *PATHOLOGICAL STAGING See p3

G5.01 Diagnostic summary Text

Include: Specimen(s) submitted;
Tumour type; Tumour grade;
Lymphovascular involvement;
Perineural involvement; Margins
of resection; Tumour stage.

S5.02 Overarching comment Text

G5.02 Edition/version of RCPA protocol Text

S1.02/S2.02 Operative procedure

Text

OR (*Select all that apply*)

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

- Biopsy (excisional, incisional, diagnostic sampling)
- Resection, *specify*
 - Temporal bone resection
 - Sleeve resection (cartilaginous portion of canal, including tympanic membrane)
 - Lateral temporal bone resection (sleeve and middle ear)
 - Radical external auditory canal resection
 - Subtotal temporal bone resection
 - Radical temporal bone resection (mastoidectomy, petrousectomy)
- Parotidectomy
- Neck (lymph node) dissection*, *specify*
- Other, *specify*

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

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*

S2.06 Tumour site

Cannot be assessed, *specify*

OR

Select all that apply:

- External auditory canal (EAC)
 - Left
 - Right
 - Laterality not specified
- Middle ear
 - Left
 - Right
 - Laterality not specified
- Temporal bone (including mastoid, petrous)
 - Left
 - Right
 - Laterality not specified
- Inner ear
 - Left
 - Right
 - Laterality not specified
- Other, *specify including laterality*

G2.03 Tumour focality

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

G2.04 Tumour description

Text

OR

Select all that apply:

- Exophytic
- Endophytic
- Ulcerated
- Polypoid
- Nodular

G2.05 Macroscopic extent of invasion

Text

OR

Select all that apply:

- Skin
- Aural cartilage
- Bone
- Temporomandibular joint
- Parotid gland
- Facial nerve
- Stylomastoid complex
- Internal jugular vein
- Dura
- Brain
- Other, *describe*

S3.01 Histological tumour type

Select all that apply:

- Squamous cell carcinoma
- Ceruminous adenocarcinoma
 - Ceruminous adenocarcinoma, not otherwise specified (NOS)
 - Ceruminous mucoepidermoid carcinoma
 - Ceruminous adenoid cystic carcinoma
- Ceruminous adenoma
 - Ceruminous adenoma (NOS),
 - Ceruminous pleomorphic adenoma,
 - Ceruminous syringocystadenoma papilliferum,
- Aggressive papillary tumour
- Endolymphatic sac tumour
- Middle ear adenoma (carcinoid)
- Middle ear adenocarcinoma
- Meningioma (ectopic or direct extension)
- Vestibular schwannoma
- Paraganglioma (jugulotympanic glomus tumour)
- Other, *specify*
- Cannot be assessed, *specify*

S3.03 Extent of invasion

Not identified

OR

Select all that apply:

- Bone and/or cartilage invasion (EAC)
- Jugular bulb
- Carotid artery invasion
- Dura
- Brain parenchyma invasion
- Parotid gland
- Temporomandibular joint (TMJ)
- Soft tissue involvement
- Skin involvement
- Nerve invasion, *specify nerve if possible (eg facial nerve, tympanic nerve, glossopharyngeal nerve, lesser petrosal nerve, greater petrosal nerve)*
- Other, *specify*
- Cannot be assessed, *specify*

Notes: Invasion into any of these anatomical structures may be a clinical/surgical and/or imaging observation and/or histology finding(s).

S5.01 Stage & stage group##

Suffixes

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

Primary Tumour (T)

- Not applicable
- T1 Tumour limited to the EAC without bony erosion or evidence of soft tissue involvement
- T2 Tumour with limited EAC bone erosion (not full thickness) or limited (<0.5 cm) soft tissue involvement
- T3 Tumour eroding the osseous EAC (full thickness) with limited (<0.5 cm) soft tissue involvement, or tumour involving the middle ear and/or mastoid
- T4 Tumour eroding the cochlea, petrous apex, medial wall of the middle ear, carotid canal, jugular foramen, or dura, or with extensive soft tissue involvement (>0.5 cm), such as involvement of TMJ or styloid process, or evidence of facial paresis

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