


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.  indicates multi-select values indicates single select values[SCOPE OF THIS DATASET](#) **CLINICAL INFORMATION** 

- Information not provided
 Information provided (select all that apply)

 Previous therapy

- Surgery
 Chemotherapy
 Radiotherapy

 Targeted therapy, *specify if available* Immunotherapy, *specify if available* Other clinical information, *specify***OPERATIVE PROCEDURE** (select all that apply) 

- Not specified
 Biopsy (excisional, incisional, core needle (diagnostic sampling)), *specify*


 Resection

- Sleeve resection: cartilaginous portion of ear canal, and skin of the external auditory canal (EAC), and ear drum
 Limited temporal bone resection: removal of mastoid bone, preserving bony EAC
 Lateral temporal bone (LTB): removal of the temporal bone including ear canal, middle ear, mastoid
 Subtotal temporal bone resection (STBR): removal of the temporal bone as stated in LTB, and inner ear structure
 Total temporal bone resection (TTBR): removal of the temporal bone as stated in STBR, and petrous apex

 Parotidectomy Neck (lymph node) dissection,^a *specify* Other, *specify including laterality*^a If a *neck (lymph node) dissection* is submitted, then a separate dataset is used to record the information.**SPECIMEN(S) SUBMITTED** (select all that apply) 

- Not specified
 Biopsy only
 Sleeve resection of temporal bone
 Lateral temporal bone
 Middle ear contents
 Subtotal temporal bone resection
 Partial mastoidectomy with middle ear contents
 Radical mastoidectomy
 Pinna
 Parotidectomy
 Temporomandibular joint (TMJ)
 Dura

- Temporal fossa
 Posterior fossa

 Neck (lymph node) dissection,^a *specify* Other, *specify including laterality***TUMOUR SITE** (select all that apply) ([Note 4](#)) 

- Not specified
 External auditory canal (EAC)
 Middle ear
 Temporal bone (including mastoid, petrous)
 Inner ear
 Other, *specify*

TUMOUR LATERALITY

- Not specified
 Left
 Right

TUMOUR FOCALITY 

- Unifocal
- Bilateral
- Multifocal

Specify number of tumours

TUMOUR DIMENSIONS 

Maximum tumour dimension (largest tumour)
(pathology and/or imaging determination)

mm

Additional dimensions (largest tumour)

mm x mm

BLOCK IDENTIFICATION KEY 

(List overleaf or separately with an indication of the nature and origin of all tissue blocks)

HISTOLOGICAL TUMOUR TYPE (select all that apply) 

(Value list based on the World Health Organization Classification of Head and Neck Tumours (2024))

External auditory canal

- Ceruminous adenoma
- Ceruminous adenocarcinoma
 - Adenoid cystic
 - Mucoepidermoid
 - NOS
- Squamous cell carcinoma

Middle and inner ear

- Middle ear papilloma
- Vestibular schwannoma
- Middle ear neuroendocrine tumour
- Endolymphatic sac tumour
- Squamous cell carcinoma of the middle ear
- Middle ear adenocarcinoma

Other, specify

HISTOLOGICAL TUMOUR GRADE^b 

(Applicable to squamous cell carcinoma and neuroendocrine tumours only)

- Grade 1, well differentiated, low grade
- Grade 2, moderately differentiated, intermediate grade
- Grade 3, poorly differentiated, high grade
- Undifferentiated
- High grade transformation

Grading system used, specify

- Cannot be assessed, specify

^b Grading of neuroendocrine tumours is non-core. Use only Grade 1, 2 and 3 for neuroendocrine tumours; neuroendocrine carcinomas are considered high grade by definition and are therefore not graded.

EXTENT OF INVASION 

- Not identified
- Present (select all that apply)
 - Clinical observation and/or imaging
 - Histologic



- Skin involvement
- Bone/cartilage (mastoid bone)
 - Superficial cortical involvement
 - Full thickness bone involvement
- Dura involvement
- Brain involvement
- Temporomandibular joint (TMJ) involvement
- Parotid gland involvement
- Soft tissue involvement
 - ≤5 mm
 - >5 mm
 - Indeterminate, specify reason

- Other, specify

- Cannot be assessed, specify

LYMPHOVASCULAR INVASION 

- Not identified
- Present, specify if named (select all that apply)
 - Internal jugular vein
 - Carotid artery
- Indeterminate, specify reason

PERINEURAL INVASION 

- Not identified
- Present, specify nerve if possible (e.g., facial nerve, tympanic nerve, glossopharyngeal nerve, lesser petrosal nerve, greater petrosal nerve)

- Indeterminate, specify reason

MARGIN STATUS 

(Applicable for squamous cell carcinoma and adenocarcinoma only)

Not involved by invasive carcinoma
 Distance of tumour from closest margin mm

Distance not assessable
 Specify closest margin(s), if possible (select all that apply)

- Skin
- Bone
- Soft tissue
- Parotid gland

Involved by invasive carcinoma
 Specify margin(s), if possible

Cannot be assessed, *specify*

COEXISTENT PATHOLOGY (select all that apply) 

- None identified
- Cholesterol granuloma
- Cholesteatoma
- Osteomyelitis (acute, chronic)
- Papilloma
- Other, *specify*

ANCILLARY STUDIES 

Neuroendocrine neoplasms (select all that apply)

Not applicable
 Neuroendocrine markers, *specify*

Cytokeratin(s), *specify*

Ki-67 proliferation index %

Rb
 Retained
 Deficient

p53
 Abnormal, *specify*

Other, *record test(s), methodology and results*

Other tumours

- Not performed
- Performed, *record test(s), methodology and results*

Representative blocks for ancillary studies, *specify those blocks best representing tumour and/or normal tissue for further study*

PATHOLOGICAL STAGING 

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

- m - multiple primary tumours
- r - recurrent
- y - during or following multimodality therapy

Primary tumour (pT)^c

- Not applicable
- T1 Tumour limited to the external auditory canal (EAC) without bony erosion or evidence of soft tissue involvement
- T2 Tumour with limited EAC bone erosion (not full thickness) or limited (≤ 5 mm) soft tissue involvement
- T3 Tumour eroding the osseous EAC (full thickness) with limited (≤ 5 mm) 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 (> 5 mm), such as involvement of temporomandibular joint (TMJ) or styloid process, or evidence of facial paresis

^c Note that the results of *neck (lymph node) dissection* are derived from a separate dataset.