

# Tumours of the Central Nervous System Histopathology Reporting Proforma



Mandatory questions (i.e. protocol standards) are in bold (e.g. **S1.01**).

## **S1.01 Identification**

Family name

Given name(s)

Date of birth

Sex

- Male  
 Female  
 Intersex/indeterminate

Ethnicity

- Aboriginal/Torres Strait Islander  
 Other ethnicity  
 Unknown

**G1.01 Patient identifiers**

e.g. MRN, IHI or NHI (please indicate which)

Date of request

**S1.02 Accession number**

Requesting doctor - name and contact details

## **Clinical details**

**S1.03 Principal clinician**

**G1.02 Surgeon's name**

**G1.03 Presenting symptom**

  


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**G1.04 Clinical history**

(eg duration of symptoms, previous diagnoses/ biopsy/surgery, previous tumour, family history)

  


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**G1.05 Imaging findings**

  


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Contrast enhancement:

- Absent   
Present

**G1.06 Current and previous treatment**  
(eg corticosteroids, radiotherapy, chemotherapy)

  


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**S1.04 Anatomical site**

Intra-axial:

- Frontal lobe   
Temporal lobe   
Parietal lobe   
Occipital lobe   
Basal ganglia   
Cerebellum   
Brain stem   
Pineal region   
Spinal cord   
Filum terminale   
Cranial nerve   
Spinal nerve

Other (specify)

**S1.04 Anatomical site (cont.)**

Extra-axial:

- Dura
- Skull
- Pituitary
- Other

**S1.05 Laterality of tumour**

- Left
- Right
- Midline
- Not stated

**S1.06 Specimen type**

- Stereotactic biopsy
- Endoscopic biopsy
- Transphenoidal resection
- Resection
- Lobectomy
- Open biopsy
- Other (specify):

G1.07 Clinical or differential diagnosis

**Macroscopic findings**

**S2.04 Number of specimens**

**S2.05 Specimen description - for each specimen record...**

**Specimen 1**

**Size** (in 3 dimensions):

 length mm x  width mm x  thickness mm

**Weight** (for very large specimens):

 length  g

**Description:**

  

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**Recognisable anatomical structures**

  

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**Specimen 2**

**Size** (in 3 dimensions):

 length mm x  width mm x  thickness mm

**Weight** (for very large specimens):

 length  g

**Description:**

  

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**Recognisable anatomical structures**

  

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G2.11 Amount of unprocessed tissue  % or  g

G2.12 Macroscopic distance between tumour and nearest dural resection margin (where dura is included)  mm

G2.13 Additional features:  
Colour

Consistency

Haemorrhage  
No   
Yes

Necrosis  
No   
Yes

Cystic change  
No   
Yes

Calcification  
No   
Yes

G2.14 Other relevant information and comments   

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## Microscopic findings

G3.01 Microscopic findings


G3.02 Distance between tumour and nearest dural resection margin (where dura is included)

	mm
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**S3.01 Is the specimen diagnostic?**

Yes

No  Provide details


**Artifacts impacting specimen eg crush, autolysis, cautery etc**


G3.03 Brain invasion (for meningiomas)

Absent

Present

G3.04 Other relevant microscopic comments


## Ancillary test findings

**S4.01 Immunohistochemical stains**

Positive Abs	
Negative Abs	
Equivocal Abs	

Interpretation

Clinical significance

G4.01 Molecular pathology testing eg 1p and 19q, methylation of MGMT promoter


## Synthesis and overview

**S5.01 Histological tumour type**

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**S5.02 Histological tumour grade (see p4)**

WHO I

WHO II

WHO III

WHO IV

Not possible  Specify why:


G5.01 Comment on tumour type and grade


G5.02 Diagnostic summary

Include specimen type, tumour site and laterality, tumour type, tumour grade


**S5.03 Overarching comment**


Worksheet prepared by:

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On:

DD	-	MM	-	YYYY
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## WHO grades of CNS tumours

	I	II	III	IV
<b>Astrocytic tumours</b>				
Subependymal giant cell astrocytoma	•			
Pilocytic astrocytoma	•			
Pilomyxoid astrocytoma		•		
Diffuse astrocytoma		•		
Pleomorphic xanthoastrocytoma		•		
Anaplastic astrocytoma			•	
Glioblastoma				•
Giant cell glioblastoma				•
Gliosarcoma				•
<b>Oligodendroglial tumours</b>				
Oligodendroglioma		•		
Anaplastic oligodendroglioma			•	
<b>Oligoastrocytic tumours</b>				
Oligoastrocytoma		•		
Anaplastic oligoastrocytoma			•	
<b>Ependymal tumours</b>				
Subependymoma	•			
Myxopapillary ependymoma	•			
Ependymoma		•		
Anaplastic ependymoma			•	
<b>Choroid plexus tumours</b>				
Choroid plexus papilloma	•			
Atypical choroid plexus papilloma		•		
Choroid plexus carcinoma			•	
<b>Other neuroepithelial tumours</b>				
Angiocentric glioma	•			
Chordoid glioma of the third ventricle		•		
<b>Neuronal and mixed neuronal-glia tumours</b>				
Gangliocytoma	•			
Ganglioglioma	•			
Anaplastic ganglioglioma			•	
Desmoplastic infantile astrocytoma and ganglioglioma	•			
Dysembryoplastic neuroepithelial	•			
Central neurocytoma		•		
Extraventricular neurocytoma		•		
Cerebellar liponeurocytoma		•		
Paraganglioma of the spinal cord	•			
Papillary glioneuronal tumour	•			
Rosette-forming glioneuronal tumour of the fourth ventricle	•			
<b>Pineal tumours</b>				
Pineocytoma	•			
Pineal parenchymal tumour of intermediate differentiation		•	•	
Pineoblastoma				•
Papillary tumour of the pineal region		•	•	
<b>Embryonal tumours</b>				
Medulloblastoma				•
CNS primitive neuroectodermal tumour				•
Atypical teratoid / rhabdoid tumour				•
<b>Tumours of the cranial and paraspinal nerves</b>				
Schwannoma	•			
Neurofibroma	•			
Perineurioma	•	•	•	
Malignant peripheral nerve sheath		•	•	•
<b>Meningeal tumours</b>				
Meningioma	•			
Atypical meningioma		•		
Anaplastic / malignant meningioma			•	
Haemangiopericytoma		•		
Anaplastic haemangiopericytoma			•	
Haemangioblastoma	•			
<b>Tumours of the sellar region</b>				
Craniopharyngioma	•			
Granular cell tumour of the	•			
Pituicytoma	•			
Spindle cell oncocytoma of the adenohypophysis	•			

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