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

DD – MM – YYYY

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

DD – MM – YYYY

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

G1.04 Clinical history
(eg duration of symptoms, previous diagnoses/ biopsy/surgery, previous tumour, family history)

G1.05 Imaging findings

Contrast enhancement:
- Absent ☐
- Present ☐

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

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:

Recognisable anatomical structures

Specimen 2

Size (in 3 dimensions):

length mm x width mm x thickness mm

Weight (for very large specimens):

length g

Description:

Recognisable anatomical structures

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

Microscopic findings

G3.01 Microscopic findings

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

mm

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

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:

On: DD – MM – YYYY

WHO grades of CNS tumours

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