

1. Tumours of Neuroepithelial Tissue

1.1 Astrocytic tumours

- Diffuse astrocytoma
- Variants: Fibrillary astrocytoma
- Protoplasmic astrocytoma
- Gemistocytic astrocytoma
- Anaplastic astrocytoma
- Glioblastoma
- Variants: Giant cell glioblastoma
- Gliosarcoma
- Pilocytic astrocytoma
- Pleomorphic xanthoastrocytoma
- Subependymal giant cell astrocytoma

1.2 Oligodendroglial tumours

- Oligodendroglioma
- Anaplastic oligodendroglioma

1.3 Mixed gliomas

- Oligoastrocytoma
- Anaplastic oligoastrocytoma
- Oligodendroglioma
- Anaplastic oligodendroglioma

1.4 Ependymal tumours

- Ependymoma
- Variants: Cellular
- Papillary
- Clear cell
- Tanycytic
- Anaplastic ependymoma
- Myxopapillary ependymoma
- Subependymoma

1.5 Choroid plexus tumours

- Choroid plexus papilloma
- Choroid plexus carcinoma

1.6 Glial tumours of uncertain origin

- Astroblastoma
- Gliomatosis cerebri
- Chordoid glioma of the 3rd ventricle

1.7 Neuronal and mixed neuronalglial tumours

- Gangliocytoma
- Dysplastic gangliocytoma of cerebellum (Lhermitte-Duclos)
- Desmoplastic infantile astrocytoma/ganglioglioma
- Dysembryoplastic neuroepithelial tumour
- Ganglioglioma

- Anaplastic ganglioglioma
- Central neurocytoma
- Cerebellar liponeurocytoma
- Paraganglioma of the filum terminale

1.8 Neuroblastic tumours

- Olfactory neuroblastoma (Aesthesioneuroblastoma)
- Olfactory neuroepithelioma
- Neuroblastomas of the adrenal gland and sympathetic nervous system

1.9 Pineal parenchymal tumours

- Pineocytoma
- Pineoblastoma
- Pineal parenchymal tumour of intermediate differentiation

1.10 Embryonal tumours

- Medulloepithelioma
- Ependymoblastoma
- Medulloblastoma
- Variants: Desmoplastic medulloblastoma
- Large cell medulloblastoma
- Medullomyoblastoma
- Melanotic medulloblastoma
- Supratentorial primitive neuroectodermal

- tumour (PNET)
- Variants: Neuroblastoma
- Ganglioneuroblastoma
- Atypical teratoid/rhabdoid tumour

2. Tumours of Peripheral Nerves

2.1 Schwannoma

- (Neurilemmoma, Neurinoma)
- Variants: Cellular
- Plexiform
- Melanotic

2.2 Neurofibroma

- Variant: Plexiform

2.3 Perineurioma

- Variants: Intraneural perineurioma
- Soft tissue perineurioma

2.4 Malignant peripheral nerve sheath tumour (MPNST)

- Variants: Epithelioid
- MPNST with divergent mesenchymal and/or epithelial differentiation
- Melanotic
- Melanotic psamomatous

3. Tumours of Meninges

3.1 Tumours of meningotheial cells

- Meningioma
- Variants: Meningothelial
- Fibrous (fibroblastic)
- Transitional (mixed)
- Psammomatous
- Angiomatous
- Microcystic
- Secretory
- Lymphoplasmacyte-rich
- Metaplastic
- Clear cell
- Chordoid
- Atypical
- Papillary
- Rhabdoid
- Anaplastic

3.2 Mesenchymal, nonmeningotheial tumours

- Lipoma
- Angiolipoma
- Hibernoma

- Liposarcoma (intracranial)
- Solitary fibrous tumour
- Fibrosarcoma
- Malignant fibrous histiocytoma
- Leiomyoma
- Leiomyosarcoma
- Rhabdomyosarcoma
- Chondroma
- Chondrosarcoma
- Osteoma
- Osteosarcoma
- Osteochondroma
- Haemangioma
- Epitheloid haemangioendothelioma
- Haemangiopericytoma
- Angiosarcoma
- Kaposi sarcoma

3.3 Primary melanocytic lesions

- Diffuse melanocytosis
- Melanocytoma
- Malignant melanoma
- Meningeal melanomatosis

3.4 Tumours of uncertain histogenesis

- Haemangioblastoma

4. Lymphomas and Haemopoetic

- Neoplasms
- Malignant lymphoma
- Plasmacytoma
- Granulocytic sarcoma

5. Germ Cell Tumours

- Germinoma
- Embryonal carcinoma
- Yolk sac tumour
- Choriocarcinoma
- Teratoma
- Variants: Mature
- Immature
- Teratoma with malignant transformation
- Mixed germ cell tumours

6. Tumours of the Sellar Region

- Craniopharyngeom
- Variants: Adamantinomatous
- Papillary

- Granular cell tumour

7. Metastatic Tumours