frontal.lobe	parietal.lobe	temporal.lobe	spinal.cord	ventricles	cerebellum	occipital.lobe	suprasellar.hypothalamic.pituitary	skull	brain.stem	thalamus	spine	pons	pineal.gland	meninges	basal.ganglia	optic.pathway	hippocampus	cranial.nerves
High-grade glioma;astrocytoma (WHO grade III/IV)	Low-grade glioma;astrocytoma (WHO grade I/II)	Low-grade glioma;astrocytoma (WHO grade I/II)	Schwannoma	Ependymoma	Low-grade glioma;astrocytoma (WHO grade I/II)	Ependymoma	Craniopharyngioma	Chordoma	Brainstem glioma;Diffuse intrinsic pontine glioma	High-grade glioma;astrocytoma (WHO grade III/IV)	Malignant peripheral nerve sheath tumor	Brainstem glioma;Diffuse intrinsic pontine glioma	Teratoma	Meningioma	High-grade glioma;astrocytoma (WHO grade III/IV)	Low-grade glioma;astrocytoma (WHO grade I/II)	Dysembryoplastic neuroepithelial tumor (DNET);Ganglioglioma	Schwannoma
Low-grade glioma;astrocytoma (WHO grade I/II)	High-grade glioma;astrocytoma (WHO grade III/IV)	High-grade glioma;astrocytoma (WHO grade III/IV)	Ependymoma	Low-grade glioma;astrocytoma (WHO grade I/II)	Medulloblastoma	Ganglioglioma	Low-grade glioma;astrocytoma (WHO grade I/II)	Langerhans Cell histiocytosis	Low-grade glioma;astrocytoma (WHO grade I/II)	Low-grade glioma;astrocytoma (WHO grade I/II)	Schwannoma	Atypical Teratoid Rhabdoid Tumor	Germinoma	Atypical Teratoid Rhabdoid Tumor	Low-grade glioma;astrocytoma (WHO grade I/II)	High-grade glioma;astrocytoma (WHO grade III/IV)	Dysplasia;Gliosis	Atypical Teratoid Rhabdoid Tumor
Dysembryoplastic neuroepithelial tumor	Ependymoma	Ganglioglioma	Neurofibroma;Plexiform	Choroid plexus papilloma	Ependymoma	Metastatic secondary tumors	Adenoma	Atypical Teratoid Rhabdoid Tumor	Atypical Teratoid Rhabdoid Tumor	Atypical Teratoid Rhabdoid Tumor	Ependymoma	High-grade glioma;astrocytoma (WHO grade III/IV)	Pineoblastoma	Fibromyxoid Tumor	Atypical Teratoid Rhabdoid Tumor	Germinoma	High-grade glioma;astrocytoma (WHO grade III/IV)	Ependymoma
Ependymoma	Ganglioglioma	Dysembryoplastic neuroepithelial tumor	Medulloblastoma	Medulloblastoma	High-grade glioma;astrocytoma (WHO grade III/IV)	Gliomatosis Cerebri	Medulloblastoma	Dysplasia;Gliosis	High-grade glioma;astrocytoma (WHO grade III/IV)	Ganglioglioma	Ewings Sarcoma	Ependymoma	Supratentorial or Spinal Cord PNET	Medulloblastoma	Germinoma	Medulloblastoma	Low-grade glioma;astrocytoma (WHO grade I/II)	NA
Ganglioglioma	Atypical Teratoid Rhabdoid Tumor	Meningioma	Ganglioneuroblastoma	High-grade glioma;astrocytoma (WHO grade III/IV)	Atypical Teratoid Rhabdoid Tumor	Low-grade glioma;astrocytoma (WHO grade I/II)	High-grade glioma;astrocytoma (WHO grade III/IV)	Ewings Sarcoma	Ependymoma	Germinoma	Ganglioneuroma	Ganglioglioma	Germinoma;Teratoma	Neuroblastoma	Myeloid Sarcoma	Meningioma	NA	NA
Meningioma	Cavernoma	Ependymoma	Pineoblastoma	Subependymal Giant Cell Astrocytoma (SEGA)	Ewings Sarcoma	Choroid plexus papilloma	Teratoma	Fibromyxoid Tumor	Ganglioglioma	Non-germinomatous germ cell tumor;Teratoma	Low-grade glioma;astrocytoma (WHO grade I/II)	Low-grade glioma;astrocytoma (WHO grade I/II)	Non-germinomatous germ cell tumor;Teratoma	Sarcoma	NA	NA	NA	NA
Atypical Teratoid Rhabdoid Tumor	Choroid plexus carcinoma	Dysplasia;Gliosis	Supratentorial or Spinal Cord PNET	Meningioma	Ganglioglioma	Dysplasia;Gliosis	Cyst	Meningioma	Hemangioblastoma	Brainstem glioma;Diffuse intrinsic pontine glioma	Neurofibroma;Plexiform	Supratentorial or Spinal Cord PNET	NA	NA	NA	NA	NA	NA
Dysplasia;Gliosis	Meningioma	Supratentorial or Spinal Cord PNET	Dermoid Cyst	Neurocytoma	Hemangioblastoma	Ganglioneuroblastoma	Ependymoma	Neuroblastoma	Medulloblastoma	Supratentorial or Spinal Cord PNET	Ganglioglioma	NA	NA	NA	NA	NA	NA	NA
Supratentorial or Spinal Cord PNET	Gliomatosis Cerebri	Atypical Teratoid Rhabdoid Tumor	Atypical Teratoid Rhabdoid Tumor	Supratentorial or Spinal Cord PNET	Brain arteriovenous malformation	High-grade glioma;astrocytoma (WHO grade III/IV)	Germinoma	Neurofibroma;Plexiform	Non-germinomatous germ cell tumor;Teratoma	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metastatic secondary tumors	Choroid plexus papilloma	Metastatic secondary tumors	Brainstem glioma;Diffuse intrinsic pontine glioma	Atypical Teratoid Rhabdoid Tumor	Brainstem glioma;Diffuse intrinsic pontine glioma	Medulloblastoma	Non-Langerhans Histiocytosis;JXG	Ossifying Fibroma	Supratentorial or Spinal Cord PNET	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cavernoma	Dysembryoplastic neuroepithelial tumor	Sarcoma	Chondrosarcoma	Brainstem glioma;Diffuse intrinsic pontine glioma	Choroid plexus papilloma	Myxoid spindle cell tumor	Schwannoma	Primary CNS lymphoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Choroid plexus carcinoma	Dysplasia;Gliosis	Gliomatosis Cerebri	Chordoma	Choroid plexus carcinoma	Cyst	Reactive Gliosis	Prolactinoma	Supratentorial or Spinal Cord PNET	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cortical Tubers	Embryonal tumor with multilayer rosettes NOS	Choroid plexus carcinoma	Cyst	Choroid plexus cyst	Dysplasia;Gliosis	Ewings Sarcoma	Supratentorial or Spinal Cord PNET	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dysembryoplastic neuroepithelial tumor (DNET);Dysplasia/Gliosis;Ganglioglioma	Ganglioneuroblastoma	Choroid plexus papilloma	Ewings Sarcoma	CNS embryonal tumor	Ependymoblastoma	Oligodendroglioma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dysplasia;Gliosis;Glial-neuronal tumor NOS	Gliosarcoma	Dysembryoplastic neuroepithelial tumor (DNET);Ganglioglioma	High-grade glioma;astrocytoma (WHO grade III/IV)	Craniopharyngioma	Ganglioglioma;Low-grade glioma/astrocytoma (WHO grade I/II)	Supratentorial or Spinal Cord PNET	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Embryonal tumor with multilayer rosettes NOS	Medulloblastoma	Embryonal tumor with multilayer rosettes NOS	Low-grade glioma;astrocytoma (WHO grade I/II)	Ganglioglioma	Glial-neuronal tumor NOS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gliomatosis Cerebri	Metastatic secondary tumors	Ewings Sarcoma	Meningioma	Glial-neuronal tumor NOS	Meningioma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gliosarcoma	Myxoid spindle cell tumor	Glial-neuronal tumor NOS	Metastatic secondary tumors	Medulloepithelioma	Myofibroblastoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Malignant melanocytic neoplasm	Neurocytoma	Medulloblastoma	Neuroblastoma	Meningioangiomatosis	Pineoblastoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medulloblastoma	NeuroInflammatory systemic disease	Meningioangiomatosis	Osteoblastoma	Myofibroblastoma	Supratentorial or Spinal Cord PNET	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Meningioangiomatosis	Non-Langerhans Histiocytosis;JXG	NeuroInflammatory systemic disease	Teratoma	Non-germinomatous germ cell tumor;Teratoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Myofibroblastoma	Rosai-Dorfman Disease	Non-Langerhans Histiocytosis;JXG	Ganglioglioma	Teratoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Neuroblastoma	Sarcoma	Oligodendroglioma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oligodendroglioma	Supratentorial or Spinal Cord PNET	Primary CNS lymphoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reactive Gliosis	Ewings Sarcoma	Teratoma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glial-neuronal tumor NOS	Glial-neuronal tumor NOS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Papillary glioneuronal tumor	Oligodendroglioma	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA