

Supplementary Table 1. Histology groupings for brain tumours in children (0-14 years).

International Classification of Childhood Cancer Third Edition (ICCC-3)		ICD-O-3 morphology definition (sections 938-952)	ICD-O-3 morphology code
Second Tier	Morphology groupings used in the study (adapted from ICCC-3)		
Ependymoma and choroid plexus tumour (IIIa)	Ependymoma	Subependymoma Ependymoma, NOS Papillary ependymoma Myxopapillary ependymoma	9383/1 9391/3 9393/3 9394/1
	Choroid plexus tumour	Choroid plexus papilloma, NOS Atypical choroid plexus papilloma Choroid plexus carcinoma	9390/0 9390/1 9390/3
Astrocytoma (IIIb)	Astrocytoma, WHO grade I and II	Subependymal giant cell astrocytoma Astrocytoma NOS Protoplasmic astrocytoma Gemistocytic astrocytoma Fibrillary astrocytoma Astrocytoma NOS Pilocytic astrocytoma Pilomyxoid astrocytoma Polar spongioblastoma Pleomorphic xanthoastrocytoma	9384/1 9400/32 9410/3 9411/3 9420/3 9400/31 9421/1 9425/3 9423/3 9424/3
	Astrocytoma, WHO grade III and IV	Astrocytoma NOS Astrocytoma, anaplastic Astrocytoma NOS Glioblastoma, NOS Giant cell glioblastoma Gliosarcoma	9400/33 9401/3 9400/34 9440/3 9441/3 9442/3
	Unspecified astrocytoma	Astrocytoma NOS	9400/39
Embryonal tumour (IIIc)	Medulloblastoma	Medulloblastoma, NOS Desmoplastic nodular medulloblastoma Medullomyoblastoma Large cell medulloblastoma Cerebellar sarcoma, NOS (obs.)	9470/3 9471/3 9472/3 9474/3 9480/3
	Other and unspecified embryonal tumour	Peripheral neuroectodermal tumour Primitive neuroectodermal tumour, NOS Neuroblastoma, NOS Ganglioneuroblastoma Medulloepithelioma, NOS Ependymoma, anaplastic Atypical teratoid / rhabdoid tumour	9364/3 9473/3 9500/3 9490/3 9501/3 9392/3 9508/3
Other glioma (III d)	Oligodendroglial tumour	Mixed Glioma Oligodendroglioma, NOS Oligodendroglioma, anaplastic Oligodendroblastoma (obs.)	9382/3 9450/3 9451/3 9460/3
	Unspecified glioma	Glioma, malignant	9380/3
	Neuroepithelial glial tumour of uncertain origin	Gliomatosis cerebri Astroblastoma Chordoid glioma	9381/3 9430/3 9444/1
Other specified neoplasm (IIIe)	Neuronal and mixed neuronal-glioma tumour	Paraganglioma, NOS Desmoplastic infantile astrocytoma Dysembryoblastic neuroepithelial tumour Angiocentric glioma Gliofibroma Gangliocytoma Dysplastic gangliocytoma of cerebellum Ganglioglioma, NOS Ganglioglioma, anaplastic Central neurocytoma Papillary glioneuronal tumour	8680/1 9412/1 9413/0 9431/1 9442/1 9492/0 9493/0 9505/1 9505/3 9506/1 9509/1
Unspecified neoplasm (III f)	Unspecified neoplasm	Neoplasm, benign Neoplasm, uncertain whether benign or malignant Neoplasm, malignant Tumor cells, benign Tumor cells, uncertain whether benign or malignant Tumor cells, malignant Malignant tumor, small cell type Malignant tumor, giant cell type Malignant tumor, spindle cell type Clear cell tumor, NOS Malignant tumor, clear cell type	8000/0 8000/1 8000/3 8001/0 8001/1 8001/3 8002/3 8003/3 8004/3 8005/3 8005/3

ICD-O-3: International Classification of Diseases for Oncology
NOS: not otherwise specified