

Table S1. Eligible tumour types

Main Diagnostic Group	Subgroup
I. Leukaemia	(a) Lymphoid leukaemia (b) Acute myeloid leukaemia (c) Chronic myeloproliferative diseases (d) Myelodysplastic syndrome or other myeloproliferative diseases (e) Other
II. Lymphoma & related	(a) Hodgkin lymphoma (b) Non-Hodgkin lymphoma except Burkitt lymphoma (c) Burkitt lymphoma (d) Lymphoreticular (e) Other
III. CNS tumour ¹	(a) Ependymoma and choroid plexus tumour (a.1) Ependymoma (a.2) Choroid plexus tumours <ul style="list-style-type: none"> • Papilloma • Atypical papilloma • Carcinoma (b) Astrocytoma <ul style="list-style-type: none"> • Pilocytic • Subependymal giant cell • Gliofibroma • Protoplasmic • Gemistocytic • Fibrillary • Pleomorphic xanthoastrocytoma • Pilomyxoid • Anaplastic • Glioblastoma • Unspecified (optic nerve) • Unspecified (other sites) (c) Intracranial and intraspinal embryonal tumour (c.1) Medulloblastoma <ul style="list-style-type: none"> • Desmoplastic/nodular/extensive nodularity • Medullomyoblastoma • Large cell/anaplastic • Unspecified

¹ Stiller, C.A., Bayne, A.M., Chakrabarty, A. *et al.* Incidence of childhood CNS tumours in Britain and variation in rates by definition of malignant behaviour: population-based study. *BMC Cancer* **19**, 139 (2019). <https://doi.org/10.1186/s12885-019-5344-7>

Main Diagnostic Group	Subgroup
	<p>(c.2) PNET (c.3) Medulloepithelioma/neuroepithelioma (c.4) Atypical teratoid/rhabdoid tumour</p> <p>(d) Other glioma (d.1) Oligodendroglioma (d.2) Mixed and unspecified gliomas <ul style="list-style-type: none"> • Mixed • Angiocentric glioma • Unspecified (d.3) Other neuroepithelial tumours <ul style="list-style-type: none"> • Gliomatosis cerebri • Papillary tumour of the pineal region <p>(e) Other specified intracranial and intraspinal neoplasms (e.1) Pituitary adenoma (e.2) Craniopharyngioma (e.3) Pineal parenchymal tumours <ul style="list-style-type: none"> • Pineocytoma • Pineoblastoma incl. PTID (e.4) Mixed glial-neuronal tumours <ul style="list-style-type: none"> • Desmoplastic infantile astrocytoma • Dysembryoplastic neuroepithelial tumour • Ganglioglioma • Central neurocytoma • Papillary glioneuronal tumour • Gangliocytoma (e.5) Meningioma</p> <p>(f) Unspecified tumours</p> <p>** Please note that germ cell tumours should be coded under Xa</p> </p>
IV. Neuroblastoma	<p>(a) Neuroblastoma and ganglioneuroblastoma (b) Other peripheral nervous cell tumour</p>

Main Diagnostic Group	Subgroup
V. Retinoblastoma	--
VI. Renal tumour	(a) Nephroblastoma and other nonepithelial renal tumour (a.1) Nephroblastoma (Wilms tumour) (a.2) Rhabdoid renal tumour (a.3) Kidney sarcoma <ul style="list-style-type: none"> • CCS clear cell sarcoma (8964) • Other (a.4) pPNET of kidney (b) Renal carcinoma (c) Unspecified malignant renal tumour
VII. Hepatic tumour	(a) Hepatoblastoma (b) Hepatic carcinoma (c) Unspecified malignant hepatic tumour
VIII. Bone tumour	(a) Osteosarcomas (b) Chondrosarcomas (c) Ewing tumour and related sarcomas of bone <ul style="list-style-type: none"> • Ewing tumour • Askin tumour of bone • pPNET of bone (d) Other specified malignant bone tumour (e) Unspecified malignant bone tumour
IX. Soft tissue sarcoma	(a) Rhabdomyosarcomas (b) Fibrosarcomas, peripheral nerve sheath tumour, and other fibrous neoplasms (Non-rhabdomyosarcoma soft tissue sarcomas NRSTS) (c) Kaposi sarcoma (d) Other specified soft tissue sarcomas (e) Unspecified soft tissue sarcomas
X. Germ cell tumour	(a) Intracranial and intraspinal germ cell tumours (b) Malignant extracranial and extragonadal germ cell tumour

Main Diagnostic Group	Subgroup
	<ul style="list-style-type: none"> (c) Malignant gonadal germ cell tumour (d) Gonadal carcinoma (e) Other and unspecified malignant gonadal tumour
XI. Carcinoma & melanoma	<ul style="list-style-type: none"> (a) Adrenocortical carcinomas (b) Thyroid carcinomas (c) Nasopharyngeal carcinomas (d) Malignant melanomas (e) Skin carcinomas (f) Other and unspecified carcinomas
XII. Other & unspecified malignant	<ul style="list-style-type: none"> (a) Other specified malignant tumour <ul style="list-style-type: none"> (a.1) Gastrointestinal stromal tumour (a.2) Pancreatoblastoma (a.3) Pulmonary blastoma and pleuropulmonary blastoma (a.4) Other complex mixed and stromal neoplasms (a.5) Mesothelioma (a.6) Other specified malignant tumour (b) Other unspecified malignant tumour