Appendix C

SEER Modification of the International Classification of Childhood Cancer Groupings

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Diagnostic Group	ICD-O-2 CODES	
	Morphology	**Topography**
I. Leukemias		
a. Lymphoid leukemia	9820–9827, 9828, 9850	C000-C809
b. Acute non–lymphocytic leukemia	9840, 9841, 9861, 9864, 9866, 9867, 9871-9874, 9891, 9894, 9910	C000-C809
c. Chronic myeloid leukemia	9863, 9868	C000-C809
d. Other specified leukemias	9830, 9842, 9860, 9862, 9870, 9875-9890, 9892, 9893, 9900, 9930-9941	C000-C809
e. Unspecified leukemias	9800-9804	C000-C809
II. Lymphoma and other reticuloendothelial neoplasms		
a. Hodgkin lymphoma	9650-9667	C000-C809
b. Non–Hodgkin lymphoma	9591-9595, 9670-9686, 9688, 9690-9717, 9723	C000-C809
c. Burkitt lymphoma	9687	C000-C809
d. Miscellaneous lymphoreticular neoplasms	9720, 9731-9764	C000-C809
e. Unspecified lymphoma	9590	C000-C809
III. CNS and miscellaneous intracranial and intraspinal neoplasms		
a. Ependymoma	9383, 9390-9394	C000-C809
b. Astrocytoma	9380	C723
	9381, 9400-9441*	C700-C729, C751-C753, C692 *
c. Primitive neuroectodermal tumors	9470-9473*	C700-C729, C751-C753, C809*
	9500*	C710-C719, C751-C753*
	9362*	C000-C809*
d. Other gliomas	9380	C700-C722, C724-C729
	9382, 9384	C000-C809
	9442-9460, 9481	C000-C809
e. Miscellaneous intracranial and intraspinal neoplasms	8270-8281, 8300, 9350-9361, 9480, 9505, 9530-9539*	C000-C809*
f. Unspecified intracranial and intraspinal neoplasms	8000-8004	C700-C729, C751-C753
IV. Sympathetic nervous system tumors		
a. Neuroblastoma and ganglioneuroblastoma	9490	C000-C809
	9500*	C000-C709, C720-C750, C754-C809*
b. Other sympathetic nervous system tumors	8680, 8693-8710, 9501-9504, 9520-9523	C000-C809

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Diagnostic Group	ICD-O-2 CODES	
	Morphology	**Topography**
V. Retinoblastoma	9510–9512	C000-C809
VI. Renal tumors		
a. Wilms tumor, rhabdoid and clear cell sarcoma	8963	C649, C809
	8960, 8964	C000-C809
b. Renal carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8143, 8155, 8190-8201, 8210, 8211, 8221-8231, 8240, 8241, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573	C649
	8312	C000-C809
c. Unspecified malignant renal tumors	8000–8004	C649
VII. Hepatic tumors		
a. Hepatoblastoma	8970	C000-C809
b. Hepatic carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8140, 8141, 8143, 8155, 8190-8201, 8210, 8211, 8230, 8231, 8240, 8241, 8244-8246, 8260-8263, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573	C220, C221
	8160–8180	C000-C809
c. Unspecified malignant hepatic tumors	8000–8004	C220, C221
VIII. Malignant bone tumors		
a. Osteosarcoma	9180–9200	C000-C809
b. Chondrosarcoma	9220–9230	C000-C809
	9231, 9240	C400-C419
c. Ewing sarcoma	9260	C400-C419, C809
	9363, 9364	C400–C419
	9473*	C400-C419*
d. Other specified malignant bone tumors	8812, 9250, 9261-9330, 9370	C000-C809
e. Unspecified malignant bone tumors	8000-8004, 8800, 8801, 8803, 8804	C400-C419
IX. Soft tissue sarcomas		
a. Rhabdomyosarcoma and embryonal sarcoma	8900-8920, 8991	C000-C809

Diagnostic Group	ICD-O-2 CODES	
	Morphology	**Topography**
b. Fibrosarcoma, neurofibrosarcoma and other fibromatous neoplasms	8810, 8811, 8813-8833, 9540-9561	C000-C809
c. Kaposi sarcoma	9140	C000-C809
d. Other specified soft tissue sarcomas		
IX(d) excluding misclassification from III(c)	8840-8896, 8982, 8990, 9040-9044, 9120-9134, 9150-9170, 9251, 9581	C000-C809
	8963	C000-C639, C659-C768
	9231, 9240, 9363, 9364	C000-C399, C440-C809
	9260	C000-C399, C470-C768
PNET - not in brain/CNS/bone	9473*	C000-C399, C420-C699, C730-C750, C754-C808*
e. Unspecified soft–tissue sarcomas	8800-8804	C000-C399, C440-C809
X. Germ cell, trophoblastic and other gonadal neoplasms		
a. Intracranial and intraspinal germ-cell tumors	9060–9102	C700-C729, C751–C753
b. Other and unspecified non-gonadal germ-cell tumors	9060–9102	C000-C559, C570-C619, C630-C699, C739-C750, C754-C809
c. Gonadal germ-cell tumors	9060–9102	C569, C620-C629
d. Gonadal carcinomas	8010-8041, 8050-8075, 8120-8122, 8130-8141, 8143, 8155, 8190-8201, 8210, 8211, 8221-8241, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573	C569, C620-C629
	8380, 8381, 8441-8473	C000-C809
e. Other and unspecified malignant gonadal tumors	8590-8670, 9000	C000-C809
	8000-8004	C569, C620-C629
XI. Carcinomas and other malignant epithelial neoplasms		
a. Adrenocortical carcinoma	8370-8375	C000-C809
b. Thyroid carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8155, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8500-8573	C739
	8330-8350	C000-C809
c. Nasopharyngeal carcinoma	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8155, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8504, 8510, 8550, 8560-8573	C110-C119

Diagnostic Group	ICD-O-2 CODES	
	Morphology	**Topography**
d. Malignant melanoma	8720–8780	C000-C809
e. Skin carcinoma	8010-8041, 8050-8075, 8082, 8090-8110, 8140, 8143, 8147, 8190, 8200, 8240, 8246, 8247, 8260, 8310, 8320, 8323, 8390-8420, 8430, 8480, 8542, 8560, 8570-8573, 8940	C440-C449
f. Other and unspecified carcinoma	8010-8082, 8120-8155, 8190-8263, 8290, 8310, 8314-8323, 8430-8440, 8480-8580, 8940, 8941	C000-C109, C129-C218, C239-C399, C480-C488, C500-C559, C570-C619, C630-C639, C659-C729, C750-C809
XII. Other and unspecified malignant neoplasms		
a. Other specified malignant tumors	8930, 8933, 8950, 8951, 8971-8981, 9020, 9050-9053, 9110, 9580	C000-C809
b. Other unspecified malignant tumors	8000-8004	C000-C218, C239-C399, C420-C559, C570-C619, C630-C639, C659-C699, C739-C750, C754-C809

* ICD-O-2 morphology and topography definitions differ between IARC Technical Report No. 29 and the SEER modification.