Appendix C - International Classification of Childhood Cancer (ICCC[1]), Based on SEER Site/Histology Recode ICD-O-3/WHO 2008[2] (04/29/2013)

Diagnostic Group	ICD-O-3 CODES	
	Morphology	**Topography**
I. Leukemias, myeloproliferative and myelodysplastic diseases		
a. Lymphoid leukemias	9820, 9826, 9831-9836, 9940, 9948	C000-C809
	9811-9818, 9823, 9827, 9837	C420, C421, C424
b. Acute myeloid leukemias	9840, 9861, 9865, 9866, 9867, 9869, 9870-9874, 9891, 9895-9897, 9898, 9910, 9911, 9920, 9931	C000-C809
c. Chronic myeloproliferative diseases	9863, 9875, 9876, 9950, 9960-9964	C000-C809
d. Myelodysplastic syndrome and other myeloproliferative diseases	9945, 9946, 9975, 9980, 9982-9987, 9989, 9991-9992	C000-C809
e. Unspecified and other specified leukemias	9800, 9801, 9805-9809, 9860, 9930, 9965-9967, 9971	C000-C809
II. Lymphomas and reticuloendothelial neoplasms		
a. Hodgkin lymphomas	9650-9655, 9659, 9661-9665, 9667	C000-C809
b. Non–Hodgkin lymphomas (except Burkitt lymphoma)	9591, 9597, 9670, 9671, 9673, 9675, 9678-9680, 9684, 9688, 9689-9691, 9695, 9698-9702, 9705, 9708, 9709, 9712, 9714, 9716-9719, 9724-9726, 9727-9729, 9731-9735, 9737, 9738, 9760-9762, 9764-9769, 9970	C000-C809
	9811-9818, 9823, 9827, 9837	C000-C419, C422-C423, C425-C809
c. Burkitt lymphoma	9687	C000-C809
d. Miscellaneous lymphoreticular neoplasms	9740-9742, 9750, 9751, 9752, 9753, 9754-9759	C000-C809
e. Unspecified lymphomas	9590, 9596	C000-C809
III. CNS and miscellaneous intracranial and intraspinal neoplasms		
a. Ependymomas and choroids plexus tumor	9383, 9390-9394	C000-C809
b. Astrocytomas	9380	C723
	9384, 9400-9411, 9420, 9421-9424, 9440-9442	C000-C809
c. Intracranial and intraspinal embryonal tumors	9470-9474, 9480, 9508	C000-C809
	9501-9504	C700-C729
d. Other gliomas	9380	C700-C722, C724-C729, C751, C753
	9381, 9382, 9430, 9444, 9450, 9451, 9460	C000-C809
e. Other specified intracranial and intraspinal neoplasms	8270-8281, 8300, 9350-9352, 9360-9362, 9412, 9413, 9492, 9493, 9505-9507, 9530-9539, 9582	C000-C809
f. Unspecified intracranial and intraspinal neoplasms	8000-8005	C700-C729, C751-C753

[1] International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer 2005; 103:1457-67.

[2] This table was updated for Hematopoietic codes based on WHO Classification of Tumours of Heamatopoietic and Lymphoid Tissues (2008). Subject to change based on evolving IDC-O-3 coding rules.

Appendix C - International Classification of Childhood Cancer (ICCC[1]), Based on SEER Site/Histology Recode ICD-O-3/WHO 2008[2] (04/29/2013)

Diagnostic Group	ICD-O-3 CODES	
	Morphology	**Topography**
IV. Neuroblastoma and other peripheral nervous cell tumors		
a. Neuroblastoma and ganglioneuroblastoma	9490, 9500	C000-C809
b. Other peripheral nervous cell tumors	8680-8683, 8690-8693, 8700, 9520-9523	C000-C809
	9501-9504	C000-C699, C739-C768, C809
V. Retinoblastoma	9510-9514	C000-C809
VI. Renal tumors		
a. Nephroblastoma and other nonepithelial renal tumors	8959, 8960, 8964-8967	C000-C809
	8963, 9364	C649
b. Renal carcinomas	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, 8560-8576	C649
	8311, 8312, 8316-8319, 8361	C000-C809
c. Unspecified malignant renal tumors	8000-8005	C649
VII. Hepatic tumors		
a. Hepatoblastoma	8970	C000-C809
b. Hepatic carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8140, 8141, 8143, 8155, 8190-8201, 8210, 8211, 8230, 8231, 8240, 8241, 8244-8246, 8260-8264, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8576	C220, C221
	8160-8180	C000-C809
c. Unspecified malignant hepatic tumors	8000-8005	C220, C221
VIII. Malignant bone tumors		
a. Osteosarcomas	9180-9187, 9191-9195, 9200	C400-C419, C760-C768, C809
b. Chondrosarcomas	9210, 9220, 9240	C400-C419, C760-C768, C809
	9221, 9230, 9241-9243	C000-C809
c. Ewing tumor and related sarcomas of bone	9260	C400-C419, C760-C768, C809
	9363-9365	C400-C419

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Appendix C - International Classification of Childhood Cancer (ICCC[1]), Based on SEER Site/Histology Recode ICD-O-3/WHO 2008[2] (04/29/2013)

Diagnostic Group	ICD-O-3 CODES	
	Morphology	**Topography**
d. Other specified malignant bone tumors	8810, 8811, 8823, 8830	C400-C419
	8812, 9250, 9261, 9262, 9270-9275, 9280-9282, 9290, 9300-9302, 9310-9312, 9320-9322, 9330, 9340-9342, 9370-9372	C000-C809
e. Unspecified malignant bone tumors	8000-8005, 8800, 8801, 8803-8805	C400-C419
IX. Soft tissue and other extraosseous sarcomas		
a. Rhabdomyosarcomas	8900-8905, 8910, 8912, 8920, 8991	C000-C809
b. Fibrosarcomas, peripheral nerve sheath tumors, and other fibrous neoplasms	8810, 8811, 8813-8815, 8821, 8823, 8834-8835	C000-C399, C440-C768, C809
	8820, 8822, 8824-8827, 9150, 9160, 9491, 9540-9571, 9580	C000-C809
c. Kaposi sarcoma	9140	C000-C809
d. Other specified soft tissue sarcomas	8587, 8710-8713, 8806, 8831-8833, 8836, 8840-8842, 8850-8858, 8860-8862, 8870, 8880, 8881, 8890-8898, 8921, 8982, 8990, 9040-9044, 9120-9125, 9130-9133, 9135, 9136, 9141, 9142, 9161, 9170-9175, 9231, 9251, 9252, 9373, 9581	C000-C809
	8830	C000-C399, C440-C768, C809
	8963	C000-C639, C659-C699, C739-C768, C809
	9180, 9210, 9220, 9240	C490-C499
	9260	C000-C399, C470-C759
	9364	C000-C399, C470-C639, C659-C699, C739-C768, C809
	9365	C000-C399, C470-C639, C659-C768, C809
e. Unspecified soft tissue sarcomas	8800-8805	C000-C399, C440-C768, C809
X. Germ cell tumors, trophoblastic tumors and neoplasms of gonads		
a. Intracranial and intraspinal germ cell tumors	9060-9065, 9070-9072, 9080-9085, 9100, 9101	C700-C729, C751-C753
b. Malignant extracranial and extragonadal germ cell tumors	9060-9065, 9070-9072, 9080-9085, 9100-9105	C000-C559, C570-C619, C630-C699, C739-C750, C754-C768, C809
c. Malignant gonadal germ cell tumors	9060-9065, 9070-9073, 9080-9085, 9090, 9091, 9100, 9101	C569, C620-C629

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[2] This table was updated for Hematopoietic codes based on WHO Classification of Tumours of Heamatopoietic and Lymphoid Tissues (2008). Subject to change based on evolving IDC-O-3 coding rules.

Appendix C - International Classification of Childhood Cancer (ICCC[1]), Based on SEER Site/Histology Recode ICD-O-3/WHO 2008[2] (04/29/2013)

Diagnostic Group	ICD-O-3 CODES	
	Morphology	**Topography**
d. Gonadal carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8143, 8190-8201, 8210, 8211, 8221-8241, 8244-8246, 8260-8263, 8290, 8310, 8313, 8320, 8323, 8380-8384, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573, 9000, 9014, 9015	C569, C620-C629
	8441-8444, 8450, 8451, 8460-8473	C000-C809
e. Other and unspecified malignant gonadal tumors	8590-8671	C000-C809
	8000-8005	C569, C620-C629
XI. Other malignant epithelial neoplasms and malignant melanomas		
a. Adrenocortical carcinomas	8370-8375	C000-C809
b. Thyroid carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8510, 8560-8573	C739
	8330-8337, 8340-8347, 8350	C000-C809
c. Nasopharyngeal carcinomas	8010-8041, 8050-8075, 8082, 8083, 8120-8122, 8130-8141, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8500-8576	C110-C119
d. Malignant melanomas	8720-8780, 8790	C000-C809
e. Skin carcinomas	8010-8041, 8050-8075, 8078, 8082, 8090-8110, 8140, 8143, 8147, 8190, 8200, 8240, 8246, 8247, 8260, 8310, 8320, 8323, 8390-8420, 8430, 8480, 8542, 8560, 8570-8573, 8940, 8941	C440-C449
f. Other and unspecified carcinomas	8010-8084, 8120-8157, 8190-8264, 8290, 8310, 8313-8315, 8320-8325, 8360, 8380-8384, 8430-8440, 8452-8454, 8480-8586, 8588-8589, 8940, 8941, 8983, 9000, 9010-9016, 9020, 9030	C000-C109, C129-C218, C239-C399, C480-C488, C500-C559, C570-C619, C630-C639, C659-C729, C750-C768, C809
XII. Other and unspecified malignant neoplasms		
a. Other specified malignant tumors	8930-8936, 8950, 8951, 8971-8981, 9050-9055, 9110	C000-C809
	9363	C000-C399, C470-C759
b. Other unspecified malignant tumors	8000-8005	C000-C218, C239-C399, C420-C559, C570-C619, C630-C639, C659-C699, C739-C750, C754-C809

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