

Retinoblastoma**C69.0-C69.6, C69.8-C69.9**

(9510-9514)

C69.0 Conjunctiva

C69.1 Cornea, NOS

C69.2 Retina

C69.3 Choroid

C69.4 Ciliary Body

C69.5 Lacrimal Gland

C69.6 Orbit, NOS

C69.8 Overlapping lesion of eye and adnexa

C69.9 Eye, NOS

Note 1: Laterality must be coded for this site.**Note 2:** Code all retinoblastomas using this scheme, including conjunctiva, uvea and other parts of eye.**Retinoblastoma****CS Tumor Size****See Standard Table****Retinoblastoma****CS Extension****Note 1:** For correct calculation of derived staging fields for this schema, CS Extension and Site-Specific Factor 1, Extension Evaluated at Enucleation, must both be coded, whether or not an enucleation was performed. Information from enucleation is EXCLUDED from CS Extension and coded only in Site-Specific Factor 1.**Note 2:** If both eyes are involved, code the information for the most extensively involved eye in this field, and code the information for the second eye in CS Site-Specific Factor 6.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
110	OBSOLETE DATA RETAINED V0200 Any eye in which the largest tumor is less than or equal to 3 mm in height AND No tumor is located closer than 1 DD (1.5mm) to the optic nerve or fovea	ERROR	T1a	L	L
120	Volume no more than two-thirds of eye AND	T1a	T1a	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
120 cont'd	<p>Largest dimension not greater than 3mm AND Location not closer than 1.5mm to optic nerve or fovea AND Tumor formation: No vitreous or subretinal seeding and no subretinal fluid beyond 5mm from base of tumor AND Retinal detachment not present</p> <p>Stated as T1a with no other information on extension</p>	T1a	T1a	L	L
130	<p>OBSOLETE DATA RETAINED V0200</p> <p>All other eyes in which the tumor(s) are confined to retina regardless of location or size (up to half the volume of the eye) AND No vitreous seeding AND No retinal detachment or subretinal fluid greater than 5 mm from the base of the tumor</p>	ERROR	T1b	L	L
140	<p>Volume no more than two-thirds of eye AND (Largest dimension greater than 3mm OR Location closer than 1.5mm to optic nerve or fovea) AND Tumor formation: No vitreous or subretinal seeding and no subretinal fluid beyond 5mm from base of tumor AND Retinal detachment not present</p>	T1b	T1b	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
140 cont'd	Stated as T1b with no other information on extension	T1b	T1b	L	L
160	Volume no more than two-thirds of eye AND (Largest dimension greater than 3mm OR Location closer than 1.5mm to optic nerve or fovea) AND (Tumor formation: Subretinal fluid beyond 5mm from base of tumor OR Retinal detachment present) Stated as T1c with no other information on extension	T1c	T2a	L	L
180	Volume no more than two-thirds of eye AND Tumor formation: No vitreous or subretinal seeding Stated as T1 [NOS] with no other information on extension	T1NOS	T1NOS	L	L
310	OBSOLETE DATA RETAINED V0200 Tumor confined to retina (No vitreous seeding or significant retinal detachment), NOS	ERROR	T1NOS	L	L
410	OBSOLETE DATA RETAINED V0200 Minimal tumor spread to vitreous and/or subretinal space. Fine local or diffuse vitreous seeding and/or serous retinal	ERROR	T2a	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
410 cont'd	detachment up to total detachment may be present but no clumps, lumps, snowballs, or avascular masses are allowed in the vitreous or subretinal space. Calcium flecks in the vitreous or subretinal space are allowed. Tumor may fill up to 2/3 the volume of the eye.	ERROR	T2a	L	L
420	Volume no more than two-thirds of eye AND Tumor Formation: Focal vitreous and/or subretinal seeding of fine aggregates of tumor cells but no large clumps or "snowballs" of tumor cells AND Retinal detachment may be present Stated as T2a with no other information on extension	T2a	T2a	L	L
430	OBSOLETE DATA RETAINED V0200 Massive tumor spread to vitreous and/or subretinal space. Vitreous seeding and/or subretinal implantation may consist of lumps, clumps, snowballs, or avascular tumor masses. Retinal detachment may be total. Tumor may fill up to 2/3 the volume of the eye.	ERROR	T2b	L	L
440	Volume no more than two-thirds of eye AND Tumor formation: Massive vitreous and/or subretinal seeding defined as	T2b	T2b	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
440 cont'd	diffuse clumps or "snowballs" of tumor cells AND Retinal detachment may be present Stated as T2b with no other information on extension	T2b	T2b	L	L
450	OBSOLETE DATA RETAINED V0200 Extension reassigned to codes 500, 520 Unsalvageable intraocular disease. Tumor fills more than 2/3 the eye No possibility of visual rehabilitation. One or more of the following are present: Tumor-associated glaucoma, either neovascular or angle closure Anterior segment extension of tumor Ciliary body extension of tumor Hyphema (significant) Massive vitreous hemorrhage Tumor in contact with lens Orbital cellulitis-like clinical presentation	ERROR	T2c	L	L
460	Volume no more than two-thirds of eye AND Tumor formation: Vitreous and/or subretinal seeding AND Retinal detachment may be present Stated as T2 [NOS] with no other information on extension	T2NOS	T2NOS	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
470	OBSOLETE DATA RETAINED V0200 Tumor with contiguous spread to adjacent tissues or spaces (vitreous or subretinal space), NOS	ERROR	T2NOS	L	L
500	Severe intraocular disease: More than two-thirds volume of eye occupied Stated as T3a with no other information on extension	T3a	T2c	L	L
520	Severe intraocular disease: One or more complications present including: Tumor-associated neovascular or angle closure glaucoma Tumor extension into anterior segment Hyphema (blood in anterior chamber) Vitreous hemorrhage Orbital cellulitis Stated as T3b with no other information on extension	T3b	T2c	L	L
540	Severe intraocular disease NOS Stated as T3 [NOS] with no other information on extension	T3NOS	T2c	L	L
590	OBSOLETE DATA RETAINED V0200 Invasion of optic nerve and/or optic coats, NOS	ERROR	T3	RE	RE
680	Extraocular disease detected by	T4a	T3	RE	RE

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
680 cont'd	imaging studies: Invasion of optic nerve Stated as T4a with no other information on extension	T4a	T3	RE	RE
700	Extraocular disease detected by imaging studies: Invasion into orbit Stated as T4b with no other information on extension	T4b	T4	RE	RE
720	Extraocular disease detected by imaging studies: Intracranial extension not past chiasm Stated as T4c with on other information on extension	T4c	T4	D	D
740	Extraocular disease detected by imaging studies: Intracranial extension past chiasm Stated as T4d with no other information on extension	T4d	T4	D	D
750	OBSOLETE DATA RETAINED V0200 Extraocular tumor	ERROR	T4	RE	RE
760	Extraocular disease detected by imaging studies NOS Stated as T4 [NOS]	T4NOS	T4	RE	RE
800	OBSOLETE DATA RETAINED V0200	ERROR	T4	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
800 cont'd	Further contiguous extension	ERROR	T4	D	D
950	No evidence of primary tumor	T0	T0	U	U
999	Unknown extension Primary tumor cannot be assessed Not documented in patient record	TX	TX	U	U

For the extension fields for this site, the mapping values for TNM, SS77, and SS2000 and the associated c, p, y, or a indicator are assigned based on the values in CS Extension, CS TS/Ext Eval, and Site-Specific Factor 1 as shown in the Special Calculation Table for AJCC Stage and Special Calculation Table for SEER Summary Stage.

Retinoblastoma

CS Tumor Size/Ext Eval

Note: This item reflects the validity of the classification of the Tumor Size and CS Extension were determined based on the diagnostic methods employed.

Code	Description	Staging Basis
0	No surgical resection done. Evaluation based on physical examination, imaging examination, or other non-invasive clinical evidence. No autopsy evidence used.	c
1	No surgical resection done. Evaluation based on endoscopic examination, diagnostic biopsy, including fine needle aspiration biopsy, or other invasive techniques including surgical observation without biopsy. No autopsy evidence used. Does not meet criteria for AJCC pathological T staging.	c
2	No surgical resection done, but evidence derived from autopsy (tumor was suspected or diagnosed prior to autopsy).	p
3	Surgical resection performed WITHOUT pre-surgical systemic treatment or radiation OR surgical resection performed, unknown if pre-surgical systemic treatment or radiation performed. Evidence acquired before treatment, supplemented or modified by the additional evidence acquired during and from surgery, particularly from pathologic examination of the resected specimen. Meets criteria for AJCC pathologic T	p

Code	Description	Staging Basis
3 cont'd	staging.	p
5	Surgical resection performed WITH pre-surgical systemic treatment or radiation, BUT tumor size/extension based on clinical evidence.	c
6	Surgical resection performed WITH pre-surgical systemic treatment or radiation; tumor size and/or extension based on pathologic evidence.	yp
8	Evidence from autopsy only (tumor was unsuspected or undiagnosed prior to autopsy).	a
9	Unknown if surgical resection done Not assessed; cannot be assessed Unknown if assessed Not documented in patient record	c

Retinoblastoma**CS Lymph Nodes**

Note: Distant lymph node involvement is coded in the CS Lymph Node field for staging retinoblastoma in the AJCC 7th Edition. Distant lymph node involvement was coded in the CS Mets at DX field for staging retinoblastoma in the AJCC 6th Edition.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
000	None; no regional lymph node involvement	N0	N0	NONE	NONE
100	Regional lymph nodes Submandibular Parotid (preauricular) Cervical Regional lymph node(s), NOS	N1	N1	RN	RN
200	Distant lymph nodes	N2	*	D	D
800	Lymph nodes, NOS	N1	N1	RN	RN
999	Unknown; not stated	NX	NX	U	U

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
999 cont'd	Regional lymph node(s) cannot be assessed Not documented in patient record	NX	NX	U	U

* For CS Lymph Nodes code 200 ONLY, the N category for AJCC 6th Edition staging is derived as cNX, and the value for CS Mets at DX is assigned based on the values of CS Lymph Nodes Eval, CS Mets at DX, and CS Mets Eval as shown in the table CS Lymph Nodes, CS Mets at DX for this site.

Retinoblastoma

Reg LN Pos

Note: Record this field even if there has been preoperative treatment.

See Standard Table

Retinoblastoma

Reg LN Exam

See Standard Table

Retinoblastoma

CS Mets at DX

Note 1: Distant lymph node involvement is coded in the CS Lymph Node field for staging retinoblastoma in the AJCC 7th Edition. Distant lymph node involvement was coded in the CS Mets at DX field for staging retinoblastoma in the AJCC 6th Edition.

Note 2: Code single and multiple metastatic lesions in this field based on presentation of metastases in all distant sites excluding distant lymph nodes.

Note 3: Consider metastasis to bone marrow as a single site of involvement.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
00	No; none	M0	M0	NONE	NONE
10	OBSOLETE DATA RETAINED V0200 Distant lymph nodes coded in CS Lymph Nodes Distant lymph node(s)	ERROR	*	D	D
20	Single metastatic lesion only Distant metastasis to site other than bone marrow or CNS	M1a	*	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
30	Single metastatic lesion only Distant metastasis to bone marrow only	M1a	*	D	D
35	Distant metastasis to single lesion NOS Stated as M1a with no other information on metastasis	M1a	*	D	D
40	OBSOLETE DATA CONVERTED V0200 See code 80 Distant metastasis except distant lymph node(s) (10) or bone marrow (30) Distant metastasis, NOS Carcinomatosis	ERROR	ERROR	ERROR	ERROR
45	Multiple metastatic lesions involved Distant metastasis to sites other than CNS WITH or WITHOUT bone marrow involvement Stated as M1b with no other information on metastasis	M1b	*	D	D
50	OBSOLETE DATA RETAINED V0200 Distant lymph nodes coded in CS Lymph Nodes (10) + any of [(30) or (40)] Distant lymph node(s) plus other distant metastases	ERROR	*	D	D
55	OBSOLETE DATA CONVERTED V0200	M1NOS	*	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
55 cont'd	See code 80 Stated as M1, NOS	M1NOS	*	D	D
60	Metastasis to CNS Location not specified Stated as M1c with no other information on metastasis	M1c	*	D	D
65	Metastasis to CNS Prechiasmatic lesions WITHOUT leptomeningeal and/or CSF involvement	^	*	D	D
70	Metastasis to CNS Postchiasmatic lesions WITHOUT leptomeningeal and/or CSF involvement Stated as M1d with no other information on metastasis	M1d	*	D	D
75	Metastasis to CNS WITH Leptomeningeal and/or CSF involvement Stated as M1e with no other information on metastasis	M1e	*	D	D
80	Distant metastasis NOS Stated as M1, NOS with no other information on metastasis	M1NOS	*	D	D
99	Unknown if distant metastasis Distant metastasis cannot be assessed Not documented in patient record	M0	MX	U	U

^ For Mets at DX code 65 ONLY, the M category for AJCC 7th Edition staging is assigned based on the values of CS Mets at DX and CS Mets Eval, as shown in the table CS Mets at DX, Mets Eval AJCC 7 for this site.

* For Mets at DX codes 10 through 80 ONLY, the M category for AJCC 6th Edition staging is assigned based on the values of CS Mets at DX and CS Mets Eval, as shown in the table CS Mets at DX, Mets Eval AJCC 6 for this site, except for cases where the CS Lymph Nodes code = 200. When the CS Lymph Nodes code = 200, the M category for AJCC 6th Edition staging is assigned based on the value of CS Nodes Eval as shown in the table CS Lymph Nodes, CS Mets at DX for this site.

Retinoblastoma

CS Site-Specific Factor 1

Extension Evaluated at Enucleation

Note 1: For correct calculation of derived staging fields for this schema, CS Extension and Site-Specific Factor 1, Extension Evaluated at Enucleation, must both be coded, whether or not an enucleation was performed. Information from enucleation is EXCLUDED from CS Extension and coded only in Site-Specific Factor 1.

Note 2: Focal choroidal invasion is defined as a solid nest of tumor measuring less than 3mm in maximum diameter. Massive choroidal invasion is defined as a solid tumor nest 3mm or more in maximum diameter.

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
000	OBSOLETE DATA CONVERTED V0200 See code 970 No enucleation performed	ERROR	ERROR	ERROR	ERROR
030	OBSOLETE DATA CONVERTED V0200 See code 300 Tumor(s) confined to retina, NOS	ERROR	ERROR	ERROR	ERROR
041	OBSOLETE DATA CONVERTED V0200 See code 410 Tumor cells in the vitreous body	ERROR	ERROR	ERROR	ERROR
043	OBSOLETE DATA CONVERTED V0200 See code 430 Tumor(s) confined to subretinal space	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
043 cont'd	No optic nerve or choroidal invasion	ERROR	ERROR	ERROR	ERROR
044	OBSOLETE DATA CONVERTED V0200 See code 440 Tumor invades optic nerve up to, but not through, level of lamina cribrosa	ERROR	ERROR	ERROR	ERROR
046	OBSOLETE DATA CONVERTED V0200 See code 460 Tumor invades choroid focally	ERROR	ERROR	ERROR	ERROR
047	OBSOLETE DATA CONVERTED V0200 See code 470 Tumor invades optic nerve up to, but not through, level of lamina cribrosa AND invades the choroid focally	ERROR	ERROR	ERROR	ERROR
048	OBSOLETE DATA CONVERTED V0200 See code 440 Optic nerve as far as lamina cribrosa, NOS	ERROR	ERROR	ERROR	ERROR
049	OBSOLETE DATA CONVERTED V0200 See code 490 Minimal invasion of optic nerve and/or optic coats, NOS	ERROR	ERROR	ERROR	ERROR
054	OBSOLETE DATA CONVERTED	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
054 cont'd	V0200 See code 540 Tumor invades optic nerve through the level of lamina cribrosa but not to line of resection	ERROR	ERROR	ERROR	ERROR
056	OBSOLETE DATA CONVERTED V0200 See code 560 Tumor massively invades choroid	ERROR	ERROR	ERROR	ERROR
057	OBSOLETE DATA CONVERTED V0200 See code 570 Tumor invades optic nerve through level of lamina cribrosa but not to line of resection AND massively invades choroid	ERROR	ERROR	ERROR	ERROR
059	OBSOLETE DATA CONVERTED V0200 See code 590 Significant invasion of optic nerve and/or optic coats, NOS	ERROR	ERROR	ERROR	ERROR
072	OBSOLETE DATA CONVERTED V0200 See code 765 Extraocular extension including: Both anteriorly or posteriorly into orbit Optic nerve to line of resection Orbit through sclera Extension into subarachnoidal space of optic nerve Extension to apex of orbit	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
074	OBSOLETE DATA RETAINED V0200 Extraocular extension including into: Brain Brain beyond the chiasm	ERROR	T4	D	D
075	OBSOLETE DATA RETAINED V0200 Other adjacent extraocular extension	ERROR	T4	RE	RE
080	OBSOLETE DATA RETAINED V0200 Further contiguous extension	ERROR	T4	D	D
095	OBSOLETE DATA CONVERTED V0200 See code 950 No evidence of primary tumor	ERROR	ERROR	ERROR	ERROR
096	OBSOLETE DATA CONVERTED V0200 See code 960 Unknown if enucleation done	ERROR	ERROR	ERROR	ERROR
300	Tumor(s) confined to retina, NOS	T1	T1	L	L
410	Tumor cells in the vitreous body WITHOUT optic nerve and WITHOUT choroidal invasion	T1	T1	L	L
430	Tumor(s) confined to subretinal space WITHOUT optic nerve and WITHOUT choroidal invasion	T1	T1	L	L

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
435	Tumor confined to eye NOS WITHOUT optic nerve and WITHOUT choroidal invasion Stated as pT1 with no other information on extension	T1	T1	L	L
440	Tumor invades optic nerve up to, but not through, level of lamina cribrosa WITHOUT invasion of choroid	T2a	T2a	L	L
460	Tumor invades choroid focally WITHOUT invasion of optic nerve	T2a	T2b	L	L
465	Stated as pT2a with no other information on extension	T2a	T2a	L	L
470	Tumor invades optic nerve up to, but not through, level of lamina cribrosa WITH focal invasion of the choroid Stated as pT2b with no other information on extension	T2b	T2c	L	L
490	Minimal invasion of optic nerve and/or choroidal invasion NOS Stated as pT2 [NOS] with no other information on extension	T2NOS	T2NOS	L	L
540	Tumor invades optic nerve through the level of lamina cribrosa but not to line of resection WITHOUT massive invasion of choroid	T3a	T3a	RE	RE
550	Tumor massively invades choroid WITHOUT invasion of optic nerve through level of lamina cribrosa	T3a	T3b	RE	RE

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
560	Stated as pT3a with no other information on extension	T3a	T3a	RE	RE
570	Tumor invades optic nerve through level of lamina cribrosa but not to line of resection WITH massive invasion of choroid Stated as pT3b with no other information on extension	T3b	T3c	RE	RE
590	Significant invasion of optic nerve and/or choroidal invasion NOS Stated as pT3 [NOS] with no other information	T3NOS	T3NOS	RE	RE
725	Invasion of optic nerve to resection line WITHOUT extraocular extension Stated as pT4a with no other information on extension	T4a	T4	RE	RE
745	Extraocular extension WITHOUT invasion of optic nerve to resection line including: Invasion of orbit through sclera Extension anteriorly or posteriorly into orbit Extension into subarachnoidal space of optic nerve Extension to apex of orbit	T4NOS	T4	RE	RE
755	Extraocular extension WITHOUT invasion of optic nerve to resection line including: Extension to brain Extension to brain beyond chiasm	T4NOS	T4	D	D

Code	Description	TNM 7 Map	TNM 6 Map	SS77	SS2000
765	Invasion of optic nerve to resection line WITH extraocular extension including: Invasion of orbit through sclera Extension anteriorly or posteriorly into orbit Extension into subarachnoidal space of optic nerve Extension to apex of orbit	T4b	T4	RE	RE
775	Invasion of optic nerve to resection line WITH extraocular extension including: Extension to brain Extension to brain beyond chiasm	T4b	T4	D	D
790	Stated as pT4b with no other information on extension	T4b	T4	RE	RE
810	Stated as pT4 [NOS] with no other information on extension	T4NOS	T4	RE	RE
950	No evidence of primary tumor	T0	T0	U	U
960	Unknown if enucleation performed	TX	TX	U	U
970	No enucleation performed	TX	TX	U	U
999	Enucleation done: Extension unknown	TX	TX	U	U

For the extension fields for this site, the mapping values for TNM, SS77, and SS2000 and the associated c, p, y, or a indicator are assigned based on the values in CS Extension, CS TS/Ext Eval, and Site-Specific Factor 1 as shown in the Special Calculation Table for AJCC Stage and Special Calculation Table for SEER Summary Stage.