

RETINOBLASTOMA STAGING FORM

CLINICAL <i>Extent of disease before any treatment</i>	STAGE CATEGORY DEFINITIONS	PATHOLOGIC <i>Extent of disease through completion of definitive surgery</i>																																																						
<input type="checkbox"/> <i>y</i> clinical – staging completed after neoadjuvant therapy but before subsequent surgery	TUMOR SIZE: _____	LATERALITY: <input type="checkbox"/> left <input type="checkbox"/> right <input type="checkbox"/> bilateral																																																						
	<p style="text-align: center;">PRIMARY TUMOR (T)</p> <table> <tbody> <tr> <td><input type="checkbox"/> TX</td><td>Primary tumor cannot be assessed</td></tr> <tr> <td><input type="checkbox"/> T0</td><td>No evidence of primary tumor</td></tr> <tr> <td><input type="checkbox"/> T1</td><td>Tumors no more than 2/3 the volume of the eye with no vitreous or subretinal seeding.</td></tr> <tr> <td><input type="checkbox"/> pT1</td><td>Tumor confined to eye with no optic nerve or choroidal invasion.</td></tr> <tr> <td><input type="checkbox"/> T1a</td><td>No tumor in either eye is greater than 3 mm in largest dimension or located closer than 1.5 mm to the optic nerve or fovea.</td></tr> <tr> <td><input type="checkbox"/> T1b</td><td>At least one tumor is greater than 3 mm in largest dimension or located closer than 1.5 mm to the optic nerve or fovea. 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<input type="checkbox"/> NX <input type="checkbox"/> N0 <input type="checkbox"/> N1 <input type="checkbox"/> N2	<p style="text-align: center;">REGIONAL LYMPH NODES (N)</p> <p>Clinical</p> <p>Regional lymph nodes cannot be assessed No regional lymph node involvement Regional lymph node involvement (preauricular, cervical, submandibular) Distant lymph node involvement</p>	<input type="checkbox"/> NX <input type="checkbox"/> N0 <input type="checkbox"/> N1 <input type="checkbox"/> N2										
<input type="checkbox"/> M0 <input type="checkbox"/> M1 <input type="checkbox"/> M1a <input type="checkbox"/> M1b <input type="checkbox"/> M1c <input type="checkbox"/> M1d <input type="checkbox"/> M1e	<p style="text-align: center;">DISTANT METASTASIS (M)</p> <p>Clinical</p> <p>No distant metastasis (no pathologic M0; use clinical M to complete stage group) Systemic metastasis. Single lesion to sites other than CNS Multiple lesions to sites other than CNS. Prechiasmatic CNS lesion(s). Postchiasmatic CNS lesion(s). Leptomeningeal and/or CSF involvement.</p> <p>Pathologic</p> <p>Metastasis to sites other than CNS. Single lesion. Multiple lesions. CNS metastasis. Discrete mass(es) without leptomeningeal and/or CSF involvement. Leptomeningeal and/or CSF involvement.</p>	<input type="checkbox"/> M1 <input type="checkbox"/> M1a <input type="checkbox"/> M1b <input type="checkbox"/> M1c <input type="checkbox"/> M1d <input type="checkbox"/> M1e										
ANATOMIC STAGE • PROGNOSTIC GROUPS												
CLINICAL No stage grouping is presently recommended	PATHOLOGIC No stage grouping is presently recommended											
PROGNOSTIC FACTORS (SITE-SPECIFIC FACTORS)												
REQUIRED FOR STAGING: None												
CLINICALLY SIGNIFICANT: <ul style="list-style-type: none"> Extension evaluated at enucleation _____ RB gene mutation _____ Positive family history of retinoblastoma _____ Primary globe-sparing treatment failure _____ Greatest linear extent of choroid involved by choroidal tumor invasion _____ 												
Histologic Grade (G) (also known as overall grade) <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left; padding-bottom: 5px;"><i>Grading system</i></th> <th style="width: 50%; text-align: left; padding-bottom: 5px;"><i>Grade</i></th> </tr> </thead> <tbody> <tr> <td style="width: 50%;"><input type="checkbox"/> 2 grade system</td> <td style="width: 50%;"><input type="checkbox"/> Grade I or 1</td> </tr> <tr> <td style="width: 50%;"><input type="checkbox"/> 3 grade system</td> <td style="width: 50%;"><input type="checkbox"/> Grade II or 2</td> </tr> <tr> <td style="width: 50%;"><input type="checkbox"/> 4 grade system</td> <td style="width: 50%;"><input type="checkbox"/> Grade III or 3</td> </tr> <tr> <td style="width: 50%;"><input type="checkbox"/> No 2, 3, or 4 grade system is available</td> <td style="width: 50%;"><input type="checkbox"/> Grade IV or 4</td> </tr> </tbody> </table>			<i>Grading system</i>	<i>Grade</i>	<input type="checkbox"/> 2 grade system	<input type="checkbox"/> Grade I or 1	<input type="checkbox"/> 3 grade system	<input type="checkbox"/> Grade II or 2	<input type="checkbox"/> 4 grade system	<input type="checkbox"/> Grade III or 3	<input type="checkbox"/> No 2, 3, or 4 grade system is available	<input type="checkbox"/> Grade IV or 4
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General Notes: For identification of special cases of TNM or pTNM classifications, the "m" suffix and "y," "r," and "a" prefixes are used. Although they do not affect the stage grouping, they indicate cases needing separate analysis. m suffix indicates the presence of multiple primary tumors in a single site and is recorded in parentheses: pT(m)NM. y prefix indicates those cases in which classification is performed during or following initial multimodality therapy. The cTNM or pTNM category is identified by a "y" prefix. The ycTNM or ypTNM categorizes the extent of tumor actually present at the time of that examination. The "y"												

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ADDITIONAL DESCRIPTORS

Lymphatic Vessel Invasion (L) and Venous Invasion (V) have been combined into Lymph-Vascular Invasion (LVI) for collection by cancer registrars. The College of American Pathologists' (CAP) Checklist should be used as the primary source. Other sources may be used in the absence of a Checklist. Priority is given to positive results.

- Lymph-Vascular Invasion Not Present (absent)/Not Identified
- Lymph-Vascular Invasion Present/Identified
- Not Applicable
- Unknown/Indeterminate

Residual Tumor (R)

The absence or presence of residual tumor after treatment. In some cases treated with surgery and/or with neoadjuvant therapy there will be residual tumor at the primary site after treatment because of incomplete resection or local and regional disease that extends beyond the limit of ability of resection.

- RX Presence of residual tumor cannot be assessed
- R0 No residual tumor
- R1 Microscopic residual tumor
- R2 Macroscopic residual tumor

categorization is not an estimate of tumor prior to multimodality therapy.

r prefix indicates a recurrent tumor when staged after a disease-free interval, and is identified by the "r" prefix: rTNM.

a prefix designates the stage determined at autopsy: aTNM.

surgical margins is data field recorded by registrars describing the surgical margins of the resected primary site specimen as determined only by the pathology report.

neoadjuvant treatment is radiation therapy or systemic therapy (consisting of chemotherapy, hormone therapy, or immunotherapy) administered prior to a definitive surgical procedure. If the surgical procedure is not performed, the administered therapy no longer meets the definition of neoadjuvant therapy.

- Clinical stage was used in treatment planning (describe): _____
- National guidelines were used in treatment planning NCCN Other (describe): _____
-

Physician signature

Date/Time

HOSPITAL NAME/ADDRESS

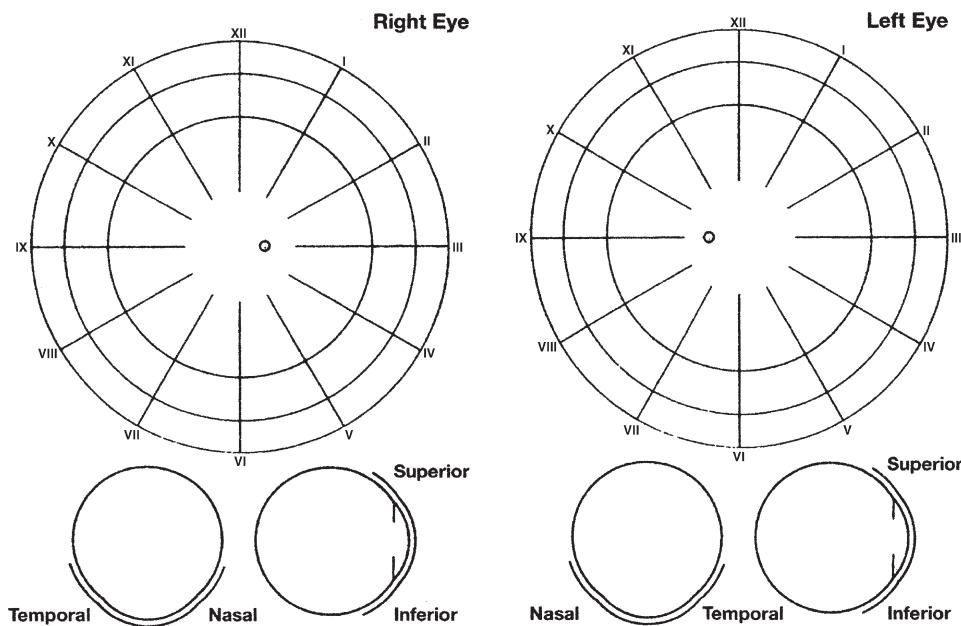
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Illustration

Indicate on diagram primary tumor and regional nodes involved.



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