

# MERKEL CELL CARCINOMA 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"/> y clinical—staging completed after neoadjuvant therapy but before subsequent surgery	<b>TUMOR SIZE:</b> _____	<b>LATERALITY:</b> <input type="checkbox"/> midline <input type="checkbox"/> left <input type="checkbox"/> right <input type="checkbox"/> bilateral	<input type="checkbox"/> y pathologic – staging completed after neoadjuvant therapy AND subsequent surgery				
<input type="checkbox"/> TX <input type="checkbox"/> T0 <input type="checkbox"/> Tis <input type="checkbox"/> T1 <input type="checkbox"/> T2 <input type="checkbox"/> T3 <input type="checkbox"/> T4	<b>PRIMARY TUMOR (T)</b> Primary tumor cannot be assessed No evidence of primary tumor <i>In situ</i> primary tumor Less than or equal to 2 cm maximum tumor dimension Greater than 2 cm but not more than 5 cm maximum tumor dimension Over 5 cm maximum tumor dimension Primary tumor invades bone, muscle, fascia, or cartilage		<input type="checkbox"/> TX <input type="checkbox"/> T0 <input type="checkbox"/> Tis <input type="checkbox"/> T1 <input type="checkbox"/> T2 <input type="checkbox"/> T3 <input type="checkbox"/> T4				
<input type="checkbox"/> NX <input type="checkbox"/> N0 <input type="checkbox"/> cN0 <input type="checkbox"/> N1  <input type="checkbox"/> N2	<b>REGIONAL LYMPH NODES (N)</b> Regional lymph nodes cannot be assessed No regional lymph node metastasis Nodes negative by clinical exam* (no pathologic node exam performed) Nodes negative by pathologic exam Metastasis in regional lymph node(s) Micrometastasis** Macrometastasis*** In transit metastasis **** *Clinical detection of nodal disease may be via inspection, palpation and/or imaging **Isolated tumor cells in a lymph node are classified as micrometastases (N1a) and the presence of isolated tumor cells recorded using the prognostic factor. Micrometastases are diagnosed after sentinel or elective lymphadenectomy ***Macrometastases are defined as clinically detectable nodal metastases confirmed by therapeutic lymphadenectomy or needle biopsy ****In transit metastasis: a tumor distinct from the primary lesion and located either 1) between the primary lesion and the draining regional lymph nodes or 2) distal to the primary lesion		<input type="checkbox"/> NX <input type="checkbox"/> N0  <input type="checkbox"/> pN0 <input type="checkbox"/> N1 <input type="checkbox"/> N1a <input type="checkbox"/> N1b <input type="checkbox"/> N2				
<input type="checkbox"/> M0 <input type="checkbox"/> M1 <input type="checkbox"/> M1a <input type="checkbox"/> M1b <input type="checkbox"/> M1c	<b>DISTANT METASTASIS (M)</b> No distant metastasis (no pathologic M0; use clinical M to complete stage group) Metastasis beyond regional lymph nodes Metastasis to skin, subcutaneous tissues or distant lymph nodes Metastasis to lung Metastasis to all other visceral sites		<input type="checkbox"/> M1 <input type="checkbox"/> M1a <input type="checkbox"/> M1b <input type="checkbox"/> M1c				
ANATOMIC STAGE • PROGNOSTIC GROUPS							
<b>CLINICAL</b>		<b>PATHOLOGIC</b>					
<b>GROUP</b>	<b>T</b>	<b>N</b>	<b>M</b>	<b>GROUP</b>	<b>T</b>	<b>N</b>	<b>M</b>
<input type="checkbox"/> 0	Tis	N0	M0	<input type="checkbox"/> 0	Tis	N0	M0
<input type="checkbox"/> IB	T1	N0	M0	<input type="checkbox"/> IA	T1	pN0	M0
<input type="checkbox"/> IIB	T2/T3	N0	M0	<input type="checkbox"/> IIA	T2/T3	pN0	M0
<input type="checkbox"/> IIC	T4	N0	M0	<input type="checkbox"/> IIC	T4	N0	M0
<input type="checkbox"/> IIIB	Any T	cN1/N1b/N2	M0	<input type="checkbox"/> IIIA	Any T	N1a	M0
<input type="checkbox"/> IV	Any T	Any N	M1	<input type="checkbox"/> IIIB	Any T	N1b/N2	M0
<input type="checkbox"/> Stage unknown				<input type="checkbox"/> IV	Any T	Any N	M1
<i>Note: Isolated tumor nodes should be considered positive nodes.</i>				<input type="checkbox"/> Stage unknown <i>Note: Isolated tumor nodes should be considered positive nodes.</i>			
<b>HOSPITAL NAME/ADDRESS</b>				<b>PATIENT NAME/INFORMATION</b>			

*(continued on next page)*

# MERKEL CELL CARCINOMA STAGING FORM

## PROGNOSTIC FACTORS (SITE-SPECIFIC FACTORS)

**REQUIRED FOR STAGING:** None

**CLINICALLY SIGNIFICANT:**

- Measured Thickness (Depth) \_\_\_\_\_
- Tumor Base Transection Status \_\_\_\_\_
- Profound Immune Suppression \_\_\_\_\_
- Tumor Infiltrating Lymphocytes in the Primary Tumor (TIL) \_\_\_\_\_
- Growth Pattern of Primary Tumor \_\_\_\_\_
- Size of tumor nests in regional lymph nodes \_\_\_\_\_
- Clinical Status of Regional Lymph Nodes \_\_\_\_\_
- Regional Lymph Nodes Pathological Extracapsular Extension \_\_\_\_\_
- Isolated Tumor Cells in Regional Lymph Node(s) \_\_\_\_\_

**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.

**General Notes (continued):**

**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" 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.

**Histologic Grade (G)** (also known as overall grade)

Histologic grade is not used in the staging of Merkel cell carcinoma.

**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

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

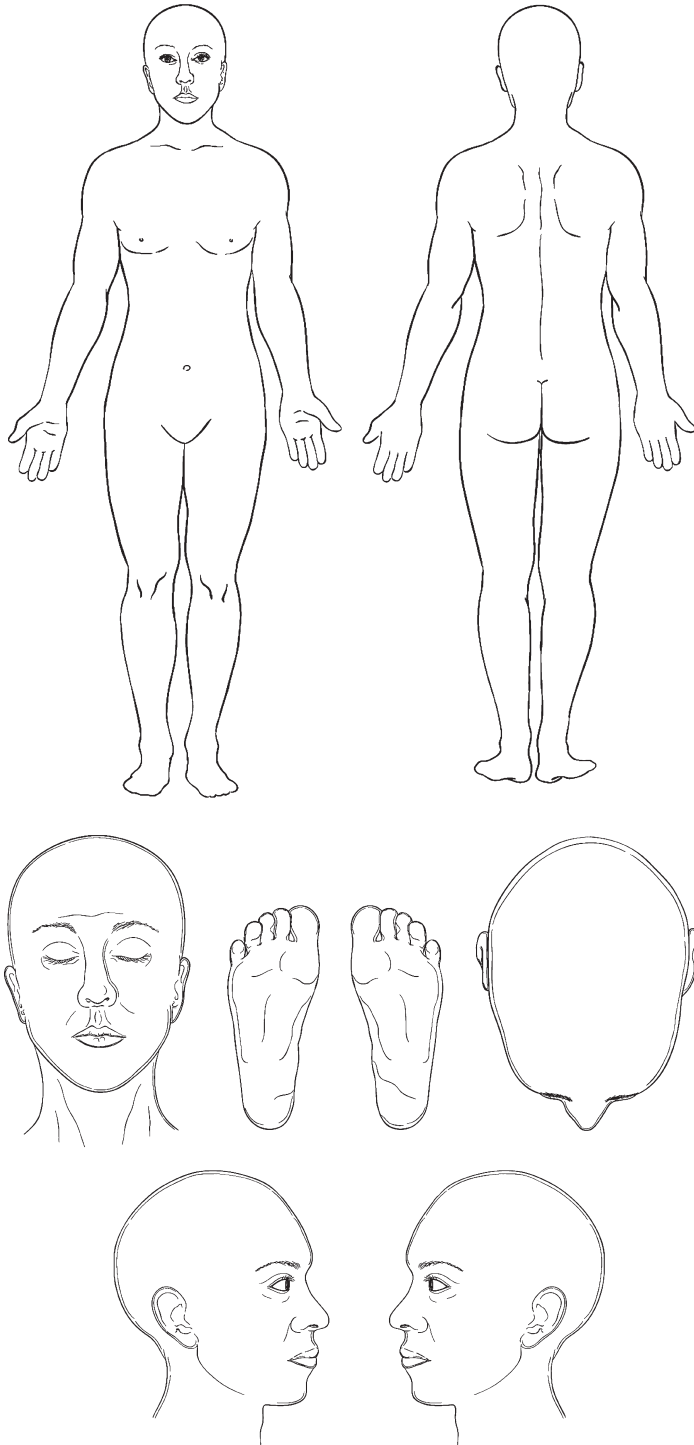
PATIENT NAME/INFORMATION

(continued from previous page)

# MERKEL CELL CARCINOMA STAGING FORM

## Illustration

Indicate on diagram primary tumor and regional nodes involved.



HOSPITAL NAME/ADDRESS

PATIENT NAME/INFORMATION