

APPENDIX 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	TUMOR SIZE: _____ LATERALITY: <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
PRIMARY TUMOR (T)		
<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"/> T4a <input type="checkbox"/> T4b	<p>Carcinoma</p> <p>Primary tumor cannot be assessed</p> <p>No evidence of primary tumor</p> <p>Carcinoma <i>in situ</i>: intraepithelial or invasion of lamina propria*</p> <p>Tumor invades submucosa</p> <p>Tumor invades muscularis propria</p> <p>Tumor invades through muscularis propria into subserosa or into mesoappendix</p> <p>Tumor penetrates visceral peritoneum, including mucinous peritoneal tumor within the right lower quadrant and/or directly invades other organs or structures** ***</p> <p>Tumor penetrates visceral peritoneum, including mucinous peritoneal tumor within the right lower quadrant</p> <p>Tumor directly invades other organs or structures</p> <p>* Tis includes cancer cells confined within the glandular basement membrane (intraepithelial) or lamina propria (intramucosal) with no extension through muscularis mucosae into submucosa.</p> <p>** Direct invasion in T4 includes invasion of other segments of the colorectum by way of the serosa, e.g., invasion of ileum.</p> <p>*** Tumor that is adherent to other organs or structures, grossly, is classified cT4b. However, if no tumor is present in the adhesion, microscopically, the classification should be pT1-3 depending on the anatomical depth of wall invasion.</p> <p>Carcinoid</p> <p>Primary tumor cannot be assessed</p> <p>No evidence of primary tumor</p> <p>Tumor 2 cm or less in greatest dimension</p> <p>Tumor 1 cm or less in greatest dimension</p> <p>Tumor more than 1 cm but not more than 2 cm</p> <p>Tumor more than 2 cm but not more than 4 cm or with extension to the cecum</p> <p>Tumor more than 4 cm or with extension to the ileum</p> <p>Tumor directly invades other adjacent organs or structures, e.g., abdominal wall and skeletal muscle*</p> <p>Note: Tumor that is adherent to other organs or structures, grossly, is classified cT4. However, if no tumor is present in the adhesion, microscopically, the classification should be classified pT1-3 depending on the anatomical depth of wall invasion.</p> <p>*Penetration of the mesoappendix does not seem to be as important a prognostic factor as the size of the primary tumor and is not separately categorized.</p>	<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"/> T4a <input type="checkbox"/> T4b
REGIONAL LYMPH NODES (N)		
<input type="checkbox"/> NX <input type="checkbox"/> N0 <input type="checkbox"/> N1 <input type="checkbox"/> N2	<p>Carcinoma</p> <p>Regional lymph nodes cannot be assessed</p> <p>No regional lymph node metastasis</p> <p>Metastasis in 1 to 3 regional lymph nodes</p> <p>Metastasis in 4 or more regional lymph nodes</p>	<input type="checkbox"/> NX <input type="checkbox"/> N0 <input type="checkbox"/> N1 <input type="checkbox"/> N2
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<input type="checkbox"/> N0 <input type="checkbox"/> N1	<p>Carcinoid No regional lymph node metastasis Regional lymph node metastasis</p>	<input type="checkbox"/> N0 <input type="checkbox"/> N1
DISTANT METASTASIS (M)		
<input type="checkbox"/> M0 <input type="checkbox"/> M1 <input type="checkbox"/> M1a <input type="checkbox"/> M1b <input type="checkbox"/> M0 <input type="checkbox"/> M1	<p>Carcinoma No distant metastasis (no pathologic M0; use clinical M to complete stage group) Distant metastasis Intraperitoneal metastasis beyond the right lower quadrant, including pseudomyxoma peritonei Non-peritoneal metastasis</p> <p>Carcinoid No distant metastasis (no pathologic M0; use clinical M to complete stage group) Distant metastasis</p>	<input type="checkbox"/> M1 <input type="checkbox"/> M1a <input type="checkbox"/> M1b <input type="checkbox"/> M0 <input type="checkbox"/> M1

ANATOMIC STAGE • PROGNOSTIC GROUPS

CLINICAL					PATHOLOGIC				
Carcinoma GROUP					Carcinoma GROUP				
<input type="checkbox"/> 0	Tis	N0	M0		<input type="checkbox"/> 0	Tis	N0	M0	
<input type="checkbox"/> I	T1	N0	M0		<input type="checkbox"/> I	T1	N0	M0	
	T2	N0	M0			T2	N0	M0	
<input type="checkbox"/> IIA	T3	N0	M0		<input type="checkbox"/> IIA	T3	N0	M0	
<input type="checkbox"/> IIB	T4a	N0	M0		<input type="checkbox"/> IIB	T4a	N0	M0	
<input type="checkbox"/> IIC	T4b	N0	M0		<input type="checkbox"/> IIC	T4b	N0	M0	
<input type="checkbox"/> IIIA	T1	N1	M0		<input type="checkbox"/> IIIA	T1	N1	M0	
	T2	N1	M0			T2	N1	M0	
<input type="checkbox"/> IIIB	T3	N1	M0		<input type="checkbox"/> IIIB	T3	N1	M0	
	T4	N1	M0			T4	N1	M0	
<input type="checkbox"/> IIIC	Any T	N2	M0		<input type="checkbox"/> IIIC	Any T	N2	M0	
<input type="checkbox"/> IVA	Any T	N0	M1a	G1	<input type="checkbox"/> IVA	Any T	N0	M1a	G1
<input type="checkbox"/> IVB	Any T	N0	M1a	G2, 3	<input type="checkbox"/> IVB	Any T	N0	M1a	G2, 3
	Any T	N1	M1a	Any G		Any T	N1	M1a	Any G
	Any T	N2	M1a	Any G		Any T	N2	M1a	Any G
<input type="checkbox"/> IVC	Any T	Any N	M1b	Any G	<input type="checkbox"/> IVC	Any T	Any N	M1b	Any G
Carcinoid GROUP					Carcinoid GROUP				
<input type="checkbox"/> I	T1	N0	M0		<input type="checkbox"/> I	T1	N0	M0	
<input type="checkbox"/> II	T2, T3	N0	M0		<input type="checkbox"/> II	T2, T3	N0	M0	
<input type="checkbox"/> III	T4	N0	M0		<input type="checkbox"/> III	T4	N0	M0	
	Any T	N1	M0			Any T	N1	M0	
<input type="checkbox"/> IV	Any T	Any N	M1		<input type="checkbox"/> IV	Any T	Any N	M1	
<input type="checkbox"/> Stage unknown					<input type="checkbox"/> Stage unknown				

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APPENDIX STAGING FORM

PROGNOSTIC FACTORS (SITE-SPECIFIC FACTORS)

Carcinoma

REQUIRED FOR STAGING: Grade _____

CLINICALLY SIGNIFICANT:

- Preoperative/Pretreatment carcinoembryonic antigen (CEA) _____
- Preoperative/Pretreatment CA 19-9 _____
- Tumor Deposits (TD) _____
- Microsatellite instability (MSI) _____
- 18q Loss of Heterozygosity (LOH) _____

Carcinoid

REQUIRED FOR STAGING: None

CLINICALLY SIGNIFICANT:

Serum Chromogranin A _____

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" 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)

Grading system

- 2 grade system
- 3 grade system
- 4 grade system
- No 2, 3, or 4 grade system is available

Grade

- Grade I or 1
- Grade II or 2
- Grade III or 3
- Grade IV or 4

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

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