Genitourinary Grossing Guidelines

**Specimen Type:** CYSTECTOMY - Partial

**Procedure:**
1. Note overall dimensions of specimen.
2. Ink the resection margin.
3. Open the specimen, if needed.
   a. Do not touch mucosal surfaces until well fixed, as the mucosa is easily denuded.
   b. Look up the location of tumor in the patient’s chart to avoid cutting through the tumor;
4. Photograph the specimen.
5. Describe tumor: location, size, number, demarcation, characteristics (papillary/flat/nodular/ulcerated), extent of invasion, distance from inked deep margin, distance from ureteral orifice, invasion of prostate.
6. Describe mucosa away from tumor.
7. Look for lymph nodes in perivesical fat.

**Gross Template:**
Labeled with the patient’s name (**), medical record number (**), designated “***”, and received [fresh/in formalin] is a(n) [intact/disrupted/previously incised] cystectomy measuring *** x *** x *** cm in greatest overall dimensions. The bladder measures *** x *** x *** cm. The right ureter measures *** cm in length x *** cm in diameter. The left ureter measures *** cm in length x *** cm in diameter.

The bladder is opened along the anterior aspect to reveal a *** x *** cm [mass-(papillary, solid, flat), ulcer, area of fibrosis] located in the [trigone, dome, right/left lateral wall, anterior wall]. The mass [involves/ does not involve] the [right and/or left] ureteral orifices. Sectioning reveals the mass has a [describe cut surface-hemorrhage, necrosis] and a *** cm maximum thickness. The mass [is grossly superficial, extends into the bladder wall, extends into the perivesical fibroadipose tissue] and measures *** cm from the inked soft tissue margin and *** cm from the urethral margin.

The remaining bladder mucosa is (unremarkable, edematous). Gross photos are taken. [Number] lymph nodes are identified ranging from *** to *** cm in greatest dimension. All identified lymph nodes and representative sections of the remaining specimen are submitted [describe cassette submission].

Ink Key:
Right-black
Left- blue

**Cassette Submission:** 15-20 cassettes
- Ureteral resection margins (en face)
- Urethral resection margin (en face)
- Lesion
  o Lesion with relationship to ureteral orifices and adjacent bladder mucosa
  o Full-thickness sections of lesion(s) at maximum depth of invasion – in relation to nearest soft tissue margin
- One representative section each of uninvolved mucosa
  o Anterior wall
  o Posterior wall
  o Trigone
  o Dome
  o Left lateral wall
  o Right lateral wall
  o Longitudinal section of each ureteral orifice
- Representative cross sections of ureters
- All lymph nodes