

## Genitourinary Grossing Guidelines

**Specimen Type:** CYSTECTOMY- Total

**Procedure:**

1. Note overall dimensions of specimen, including bladder and ureters.
2. Take ureteral and urethral resection margins (ureteral margins are often closed with clamps).
3. Ink the bladder surgical margins
  - a. Left - blue
  - b. Right - black
  - c. anterior midline - yellow
  - d. posterior midline - red
  - e. **Do not ink the serosa that covers the bladder at the superior-posterior aspect.**
4. Open the bladder with Y-shaped incision, anteriorly:
  - 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;
  - c. Open ureters with scissors, inspect the ureteral mucosal surface.
5. Photograph the specimen.
6. 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.
7. Describe mucosa away from tumor.
8. Look for lymph nodes in perivesical fat.

**Gross Template:**

**MMODAL COMMAND: "INSERT TOTAL BLADDER"**

It consists of [*an intact/a disrupted/previously incised*\*\*\*] cystectomy measuring [*measure in three dimensions* \*\*\*] cm in greatest overall dimensions. 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 lesion [*involves/ does not involve*\*\*\*] the [*right and/or left*\*\*\*] ureteral orifices. Sectioning reveals the lesion to have [*describe cut surface-hemorrhage, necrosis*\*\*\*] and a [\*\*\*] cm maximum depth. The lesion [*is grossly superficial, extends into the bladder wall, extends into the perivesical fibroadipose tissue*\*\*\*]. The lesion measures [\*\*\*] cm from the inked soft tissue margin, [\*\*\*] cm from the left ureter margin, [\*\*\*] cm from the right ureter margin, and [\*\*\*] cm from the urethral margin.

The remaining bladder mucosa is [*unremarkable, edematous*\*\*\*]. [*Number*\*\*\*] lymph nodes are identified [*if present, give range in size*\*\*\*]. Gross photographs are taken. All identified lymph nodes are submitted, and representative sections of the remaining specimen are submitted.

**INK KEY:**

Black    Right  
Blue     Left

## **Genitourinary Grossing Guidelines**

### **Cassette Submission:** 15-20 cassettes

- Ureteral resection margins (en face)
  - Urethral resection margin (en face)
  - Tumor
    - o 2 sections of tumor with deep margin at area of deepest invasion
    - o 2 sections of tumor with adjacent uninvolved mucosa
    - o 1 section with nearest ureteral orifice, if applicable
  - 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
- \*\* Submit any erythematous mucosa separate from the tumor
- \*\* Some of these areas may have been sampled in relation to tumor. If you have done so, please do not over submit normal sections
- All lymph nodes (perivesical lymph nodes are occasionally present)