

# SPECIMEN COLLECTION INSTRUCTIONS

## Urine for Cytologic Analysis (voided or instrumented)

### Indications

Detection of suspected malignancy utilizing urine specimens obtained by instrument or voiding; staging of urologic malignancies.

### Specimen Required

75-100 mL (ideal volume) of an appropriately collected specimen.

### Supplies

- Clean collection container of appropriate size.
- Cytology fixative.

### Specimen Collection:

*It is important to indicate if the specimen is voided urine, instrumented urine, bladder washings, ureter brushings or renal pelvic washings. Please note prior history of bladder cancer or chemotherapy.*

### Voided Urine Specimen:

*Mid-day clean catch collection is preferred.*

- Patient should drink several glasses of water 1-2 hours before collection.
- Patient should void 75-100 ml (ideal volume). Obtain specimen by "clean catch" method.
- Higher accuracy is achieved by repeating on successive days.
- Label specimen as "Voided Urine Specimen". Add patient name and birth date.

### Instrumented Urine Specimen:

- Patient should drink several glasses of water.
- One hour later, obtain an instrumented specimen of 75-100 ml (ideal volume).
- Label specimen as "Instrumented Urine Specimen".

### Specimen Preparation:

- Add equal parts of cytology fixative to the urine specimen.
- Label cup with patient's first and last name, second unique identifier, and "FIXED".
- Seal cup lid tightly.
- Place cytology requisitions in a plastic bag. Place specimen containers and separately packaged requisition in a larger sealed plastic bag containing specimen.
- Collected specimen should be transported to the laboratory as soon as possible.