

## **Urine Collection**

*Clean-Catch, Midstream, Random Urine:* **First-morning** specimen is preferred as it is the most concentrated. It is important to avoid contaminating urine with bacteria and cells from the skin.

**Males:** For collection instructions, see Male Patient Instructions for Clean Catch Urine Collection in Special Instructions.

**Females:** For collection instructions, see Female Patient Instructions for Clean Catch Urine Collection in Special Instructions.

### *Catheterized Urine - Straight Catheter:*

1. Discard first urine flow from catheter. This portion may contain contaminating organisms and cells as a consequence of catheter insertion.
2. Collect a specimen of mid or later flow of urine into the blue cap sterile cup from the urine collection kit.
3. See Clinical Staff Instructions for Urine Samples with Urine Collection Kit for additional clinical staff instructions.

### *Catheterized Urine - Indwelling Catheter (Foley Catheters):*

1. Check to ensure there is no backflow of urine from collection bag into catheter tubing.
2. Cleanse the port with alcohol and then attach the syringe to the catheter.
3. Draw the specimen into a sterile syringe.
4. Expel urine from syringe into the blue cap sterile cup from the Urine Collection Kit.
5. Discard syringe in a biohazard sharps container.
6. See Clinical Staff Instructions for Urine Samples with Urine Collection Kit for additional clinical staff instructions.

### *Cystoscopy Urine:*

1. Following insertion of cystoscope; allow first portion of specimen to drain in collection pan, and then collect specimen in the blue cap sterile cup from the Urine Collection Kit.
2. See Clinical Staff Instructions for Urine Samples with Urine Collection Kit for additional clinical staff instructions.

### *Suprapubic Aspirate Urine:*

1. Wait at least 4 to 6 hours after the last urination.
2. Clean suprapubic skin with iodine followed by alcohol.
3. Insert 22-gauge needle attached to a 20-mL syringe into the skin at about a 30° angle to abdominal wall, immediately superior to symphysis in midline.

**Note:** Infants may require a smaller syringe and needle. Aspirating as one penetrates, stop as urine is obtained, and fill syringe with urine.

4. Expel urine from syringe into the blue cap sterile cup from the Urine Collection Kit.
5. See Clinical Staff Instructions for Urine Samples with Urine Collection Kit for additional clinical staff instructions.

### *24-Hour Urine:*

See Patient Instructions for 24 Hour Urine Collection in Special Instructions for additional collection instructions.

**Note:** Certain tests may also require a blood specimen. Please check specific 24-hour urine test requirements to see if a blood draw is required.