

Oregon Health & Science University  
Department of Pathology  
Phlebotomy

**Random collection: (urine voided at any time of the day or night)**

- a. Place patient label on a sterile container.
- b. Instruct the patient to collect the urine sample using the labeled, sterile container.
- c. Screw the lid on firmly and place the sample and extra labels in a sealed biohazard bag. Make sure that one request number label is on the container for each test ordered (i.e. URN and URM or UAD).
- d. The urine must go into the refrigerator within an hour of collection to await transportation pick-up or be sent via the pneumatic tube to Lab Central.

**Clean Catch:**

- a. Place patient label on a sterile container.
- b. Instruct the patient to wash their hands.
- c. Patient should open towelettes and wash the genital area. This is done to avoid contamination of the urine sample with organisms from the area adjacent to the urethral opening.
- d. Male patients should retract foreskin of penis and cleanse glans, especially the area around the urethral opening.
- e. Female patients should spread labia and cleanse urethral area with a front to back motion.
- f. Infants and non-toilet trained children should have the perineal region cleaned and have a sterile u-bag attached.
- g. Instruct patient to collect the urine using the sterile container.
- h. Screw the lid on firmly and place the sample and extra labels in a sealed biohazard bag.
- i. The urine must go into the refrigerator within an hour of collection to await transportation pick-up or be sent via the pneumatic tube to Lab Central.

**Midstream:**

- a. Midstream collection is performed to avoid contamination with organisms normally found in the distal urethra. The initial stream clears these organisms from the urethra.
- b. Place patient label on sterile container.
- c. Instruct patient to begin urination. When approximately 1/3 of the voiding has occurred, collect a portion of the urine in the sterile container without interrupting the urine flow.
- d. The last part of the urine flow is not collected as part of the sample.
- e. This method is most often performed in conjunction with the clean catch procedure. It is usually ordered as a C & S, clean catch, mid-stream urine.

