

 <p>Covenant Health Laboratory Policy</p>	FACILITY: <i>Covenant Medical Center/Covenant Children’s Hospital/CMC – Caprock Location POC Lab</i>
	DEPARTMENT: <i>Laboratory</i>
	SECTION: <i>General Laboratory</i>
	AUTHOR: <i>Steve Madrid</i>
TITLE: <i>Urine Specimen Collection</i>	

TITLE: *Urine Specimen Collection*

STATEMENT OF PURPOSE: *This procedure will explain the proper collection and handling of random urine specimens. A urine specimen when collected following this procedure ensures accurate and reliable urinalysis and urine culture results.*

TEXT:

A. **Specimen Requirement:** *The specimen of choice for urinalysis and urine culture is the “clean catch midstream”. This method provides a sample which can be used for bacteriologic examination as well as for routine analysis.*

****Caution:** *Body fluids should be considered potentially infectious. Universal precautions should be followed when handling these specimens.*

1. If testing for trichomonas, gonorrhea, or chlamydia do NOT use the “clean catch midstream” technique.

B. Materials Needed:

1. Sterile plastic screw top disposable collection cup.
2. Antiseptic towelette
3. Urine Collection Product
 - a. Urine collection cup with transfer device
 - b. UA collection tube with preservative – cherry red/yellow top
 - c. C&S collection tube with preservative – gray
 - d. Preservative free urine collection tube – yellow or white
 - e. Any assay specific urine preservative tube

C. Procedure

1. Collection
 - a. Adults
 - 1) Upon entering the rest room, locate a sterile urine container and towelette if necessary.
 - 2) Remove the lid from the sterile container.
 - 3) Prior to collection, the external genitalia are thoroughly cleansed with an antiseptic towelette.
 - 4) The initial stream of urine is allowed to escape and disposed of in the commode.



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- 5) *The mid-stream portion is collected into the sterile container. Women should spread the labia apart while voiding.*
- 6) *The final portion of the void is discarded.*
- 7) *Replace the lid on the container.*
- 8) *In the presence of the patient, label the specimen with the patient's name, date of birth and **medical record** number, or with an LIS generated label. Note the collection date and time on the label.*
- b. *Infants and small children may be collected via the following methods after perianal cleansing.*
 - 1) *Mid-stream catch during spontaneous voiding.*
 - 2) *"Perez" reflex the back is stroked while the infant is in a semi prone position as an assistant catches the urine.*
 - 3) *Never squeeze from a diaper.*
 - 4) *In the presence of the patient, label the specimen with the patient's name, date of birth and MRN or with an LIS generated label. Note the collection date and time on the label.*
2. *Processing with Vacutainer Collection Products – completed within two hours of collection*
 - a. *Processing with rubber-covered cannula attached*
 - 1) *Peel back protective sticker from lid*
 - 2) *Push the C&S tube (gray top) onto cannula and hold until flow stops. Remove and shake vigorously.*
 - 3) *Push the UA preservative tube (cherry red/yellow top) onto cannula and hold until flow stops. Remove and invert 8-10 times to mix.*
 - 4) ***Push the no additive urine tube onto cannula and hold until flow stops.***
 - 5) *Return protective sticker to lid.*
 - 6) *Label both tubes with the patient's name, date of birth, and **medical record** number.*
 - 7) *Place all containers in a biohazard bag and send to the lab.*
 - b. *Processing with a transfer straw*
 - 1) *Submerge tip of straw in specimen cup.*
 - 2) *Push C&S Preservative Tube (gray top) into the transfer straw and hold until flow stops. Remove tube, leave straw in specimen cup, and shake vigorously.*
 - 3) *Push the UA preservative tube (cherry red/yellow top) into transfer straw and hold until flow stops. Remove and invert 8-10 times to mix.*
 - 4) ***Push the no additive urine tube onto straw and hold until flow stops***
 - 5) *Label tubes with the patient's name, date of birth, and **medical record** number.*
 - 6) *Store cup per policy*