

Specimen Collection

- ✓ A small piece of body tissue or
- ✓ a secretion used for examination.



Collecting Sputum Specimens :Reasons to study sputum:

- ✓ Look for occult blood.
- ✓ Examine for microorganisms
- ✓ Determine abnormal cells (cancer)



Your role in collecting sputum.

- ✓ Make sure specimen comes from lungs.
- ✓ Not to be confused with saliva from mouth.
- ✓ Easier if collected first thing in the morning.
- ✓ Don't allow patient to do oral care prior.
- ✓ May be embarrassing to the patient or specimen itself may be perceived as unpleasant.



Collecting a sputum specimen

- ✓ Wash hands/don gloves
- ✓ have pt. rinse mouth with water and spit into basin.
- ✓ Instruct pt. to take several deep breaths.
- ✓ Have pt. cover nose and mouth with tissue and spit directly into specimen container.
- ✓ Collect 1 to 2 Tbs.
- ✓ Careful don't contaminate container.
- ✓ Lid on tightly
- ✓ Label container
- ✓ Place in biohazard transport bag.
- ✓ Refrigerate until lab collects.



Collecting a Urine Specimen reasons to study urine

- ✓ To determine if infection is present.
- ✓ To determine specific gravity
- ✓ To evaluate treatment.
- ✓ To determine if acetone is present.
- ✓ To determine if blood, glucose, protein, is present.
- ✓ To test the ph of urine
- ✓ To determine kidney function.

Your role in collecting urine specimen.

- ✓ Fill out label of specimen container.
- ✓ Wash hands/ don gloves
- ✓ If bedridden, offer new bedpan or urinal.
- ✓ Provide for privacy, remove gloves, leave.
- ✓ Put on gloves, cover bedpan/urinal.
- ✓ In bathroom pour urine into container.
- ✓ Place specimen in biohazard bag.

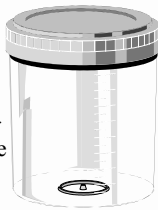
Collecting a Routine Urine Specimen - Don't Forget!



- ✓ Usually taken first voiding of morning.
- ✓ Refrigerate specimen immediately, unless you can have it to the lab within 15 minutes.
- ✓ Soiled tissue to be discarded in bag.
- ✓ Careful not to contaminate container.
- ✓ Place container cap inside up on counter.
- ✓ Approx. 120 ml of urine needed.

Collecting a Clean Catch Urine

- ✓ Wash hands/don gloves
- ✓ Pericare to be done.
- ✓ Keep the labia separated.
- ✓ Instruct patient to void
- ✓ Allow some urine to escape
- ✓ Then catch the urine that follows.
- ✓ Allow the last portion of the urine stream to escape.
- ✓ Carry out completion actions



24 - Hour Urine Specimen

- ✓ All urine voided by the pt. In 24hrs is saved.
- ✓ Start the 24hr period with an empty bladder.
- ✓ The first specimen is therefore discarded.
- ✓ Large container in B/R surrounded by ice.
- ✓ If pt has catheter, place ice around bag.
- ✓ If a specimen is accidentally discarded, report to nurse immediately. Test must be discontinued and started again for 24 hrs.

Collecting a 24 - hr. urine specimen.

- ✓ Place sign at pts bed alerting staff.
- ✓ Discard first specimen. / note time.
- ✓ This time will start the 24 hr collection.
- ✓ Collect all voidings in the container supplied by the lab.
- ✓ Container to be kept on ice except when adding a specimen to it.
- ✓ At the end of the 24-hr period, ask pt to void one last time- Add this.

Collecting a Stool Specimen Purpose

- ✓ 1) Occult Blood
- ✓ 2) Fat
- ✓ 3) Micro-organisms
- ✓ 4) Worms
- ✓ 5) Chemical Analysis
- ✓ 6) Other Parasites



How to Collect a Stool Specimen

- ✓ 1) Wear gloves and use a clean receptacle.
- ✓ 2) Toilet paper to be discarded in trash.
- ✓ 3) Provide for privacy.
- ✓ 4) Lid of container turned upside down.
- ✓ 5) Collect 2Tbs. using tongue blade.
- ✓ 6) Tighten lid, label container.
- ✓ 7) Place specimen in hazardous bag with lab requisition, do not refrigerate.
