TITLE: OBTAINING URINE SPECIMEN FROM ILEAL CONDUIT/ UROSTOMY - (CULTURE AND SENSITIVITY) (ent09)

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ISSUED FOR: Nursing
RESPONSIBILITY: WON/ET Nurse Only

PURPOSE: To obtain a clean urine specimen for urine culture and sensitivity. An MD order is required.

KNOWLEDGE BASE:
1. The ileal conduit/urostomy should be catheterized using aseptic technique.
2. Do not take urine for culture from the bottom of a drainage pouch. It has a high bacteria count and will give inaccurate results. However, an ileal conduit is not sterile, so the results always will have a level of bacteria.
3. Positive patient identification is required prior to obtaining the specimen/labeling. Refer to SMH Policy (01.PAT.09) Patient Identification: Inpatient/Outpatient.
4. Assess stoma opening size for appropriate catheter size.

EQUIPMENT:
1. Urethral catheterization tray with #14 French red rubber straight catheter/or appropriate sized catheter from CS
2. Sterile 4 x 4s
3. Towels
4. Clean gloves

PROCEDURE:
1. Explain the procedure to the patient.
2. Perform hand hygiene. Don clean gloves.
3. Remove pouch.
4. Clean stoma site with 4 x 4s and warm water.
5. Open the catheterization tray.
6. Put on sterile gloves.
7. Squeeze lubricant into bottom of tray.
8. Before inserting the catheter, a wave of peristalsis should be allowed to force the urine out.
9. Lubricate red rubber catheter.
10. Gently insert the catheter into the center of the stoma.
about 7 cm or 2¼ inches. Be careful not to touch the periphery of the stoma with the catheter.

11. Do not force the catheter into the stoma. If resistance is detected, rotate the catheter until it slides in.

12. If the urine does not flow into the catheter, ask the patient to change position to mobilize urine flow. Instruct the patient to turn to the right side or to cough or both. Be sure to hold catheter while patient moves.

13. The end of the catheter is placed into a sterile container to collect the urine. When enough urine has been collected, remove the catheter. Cap the specimen container.

14. Reapply the ostomy pouch.

15. Carefully label the specimen container with a patient label. Note date/time of collection and the nurse’s initials.

16. Note on the requisition that the specimen is a catheterized specimen obtained from an ileal conduit. Note any antibiotics patient is taking.

17. Dispose of waste according to hospital policy.

DOCUMENTATION:  

Ostomy Flowsheet: Document the following:

1. Procedure and disposition of specimen.
2. Appearance of stoma.
3. Appearance of the urine.

REFERENCE:  


REVIEWSING AUTHOR (S):  
Pam Jackson, BSN, RN-BC, CWOCN, Wound/Ostomy RN