

# Chapter 20

## Urinary Needs

# Lesson 20.1

- Define the key terms and key abbreviations in this chapter.
- Describe the rules for normal urination.
- Describe normal urine.
- Identify the observations to report to the nurse.

# Lesson 20.1 (Cont.)

- Describe urinary incontinence and the care required.
- Describe bladder training methods.
- Perform the procedures described in this chapter.
- Explain how to promote PRIDE in the person, the family, and yourself.

# The Urinary System

- The urinary system:
  - Removes waste products from the blood.
  - Maintains the body's water balance.

# Normal Urination

- The healthy adult produces about 1500 mL (milliliters) or 3 pints of urine a day.
- Many factors affect urine production.
  - Age
  - Disease
  - The amount and kinds of fluid ingested
  - Dietary salt
    - A diet high in salt causes the body to retain water.
  - Body temperature
  - Perspiration
  - Drugs

# Normal Urination (Cont.)

- Urination (voiding) means the process of emptying urine from the bladder.
- Frequency of urination is affected by:
  - The amount of fluid intake
  - Habits
  - Available toilet facilities
  - Activity, work, and illness

# Normal Urination (Cont.)

- Observations

- Normal urine:

- Is pale yellow, straw-colored, or amber
- Is clear with no particles
- Has a faint odor

- Observe urine for color, clarity, odor, amount, and particles.

- Ask the nurse to observe urine that looks or smells abnormal.

# Observations to Report

- Report these problems:
  - Dysuria—Painful or difficult urination
  - Hematuria—Blood in the urine
  - Nocturia—Frequent urination at night
  - Oliguria—Scant amount of urine
  - Polyuria—Abnormally large amounts of urine
  - Urinary frequency—Voiding at frequent intervals
  - Urinary incontinence—The involuntary loss or leakage of urine
  - Urinary urgency—The need to void at once



# Bedpans

- Bedpans are used by:
  - Persons who cannot be out of bed
  - Women, for voiding and bowel movements
  - Men, for bowel movements
- Standard bedpans and fracture pans are used.
- Fracture pans are used:
  - By persons with casts
  - By persons in traction
  - By persons with limited back motion
  - After spinal cord injury or surgery
  - After a hip fracture or hip replacement surgery

# Urinals

- Men use urinals to void.
  - The man stands if possible.
  - Some sit on the side of the bed or lie in bed.
  - Some need support when standing.
  - You may have to place and hold the urinal for some men.
- Remind men:
  - To hang urinals on bed rails
  - To use the call light after using the urinal
  - Not to place urinals on over-bed tables and bedside stands
- If beds do not have bed rails, follow agency policy for where to place urinals.

# Commodes

- A commode is a chair or wheelchair with an opening for a container.
- Persons unable to walk to the bathroom often use commodes.
- Some commodes are wheeled into bathrooms and placed over toilets.
  - The container is removed.
  - After the commode is positioned over the toilet, wheels are locked.

# Urinary Incontinence

- Urinary incontinence is the involuntary loss or leakage of urine.
  - It may be temporary or permanent.
- The basic types are:
  - Stress incontinence
  - Urge incontinence
  - Over-flow incontinence
  - Functional incontinence
  - Reflex incontinence
  - Transient incontinence

# Urinary Continence (Cont.)

- Sometimes incontinence results from:
  - Intestinal, rectal, and reproductive system surgeries
  - A physical illness
- If incontinence is a new problem, tell the nurse at once.
- Incontinence is embarrassing.
- The person is uncomfortable.
- Skin irritation, infection, and pressure injuries are risks.
- Falling is a risk.
- The person's pride, dignity, and self-esteem are affected.

# Urinary Continence (Cont.)

- Social isolation, loss of independence, and depression are common.
- Promoting normal urinary elimination prevents incontinence in some people.
- Some need bladder training.
- Sometimes catheters are needed.
- Incontinence products help keep the person dry.
- Incontinence is beyond the person's control.
  - If you find you are becoming short-tempered, talk to the nurse at once.

# Applying Incontinence Products

- Incontinence products help keep the person dry.
  - They usually have 2 layers and a waterproof back.

# Bladder Training

- Bladder training helps some persons with urinary incontinence.
- Some persons need bladder training after indwelling catheter removal.
  - Control of urination is the goal.
- You assist with bladder training as directed by the nurse and the care plan.