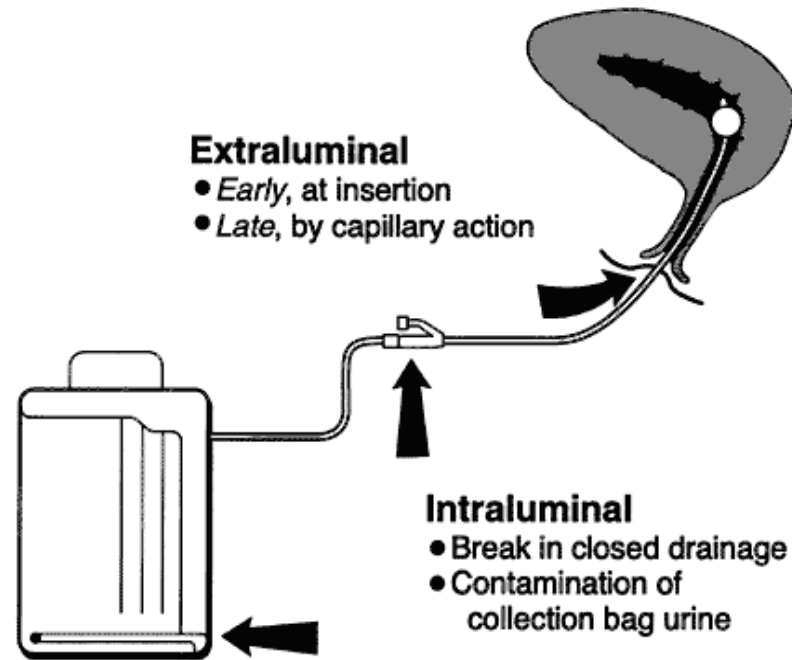


Elimination

Afa Farag Alla

- Elimination patterns are essential to maintain health.
- The urinary and gastrointestinal (GI) systems together provide for the elimination of body wastes.
- Urinary elimination is the primary means for ridding the body of fluid waste.
- Daily amounts vary depending on the age of the

Urinary Catheterization



Common alterations in elimination

1. Urinary retention:

is the inability to completely evacuate urine from the bladder during micturition.

2. **Urinary Incontinence:**

It is the inability to control the discharge of the urine

Nursing interventions

Based on nursing assessment:

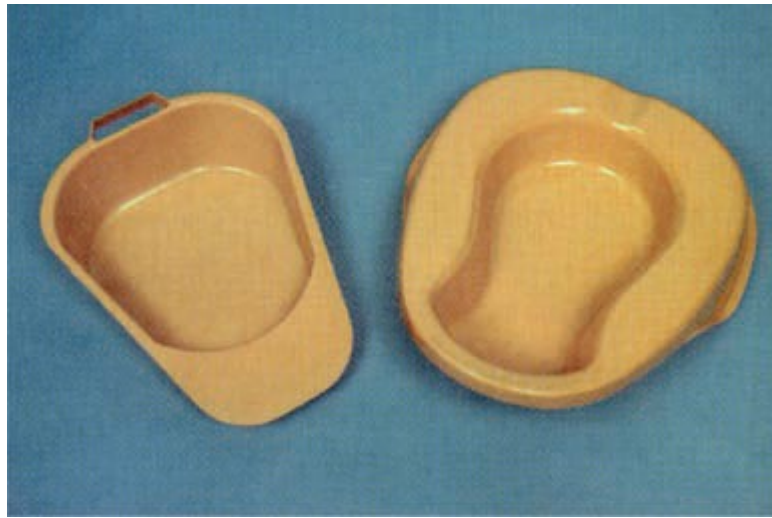
- Assisting with a Bedpan or Urinal
- Applying a Condom Catheter
- Inserting an Indwelling Catheter:



- Condom Catheter



Male Urinal



Types of Bedpans: A. Fracture; B. Regular

Definition:

Urinary Catheterization I

the inserting of a special tube
(**Urinary Catheter**) into the
bladder ,for the purpose of evacuating
or instilling fluids.

indications

A. Diagnostic indications :include

1- Collection of uncontaminated urine specimen

2-Monitoring of urine output

B. Therapeutic indications include :

- 1-Chronic obstruction .
- 2-continuous bladder irrigation..
- 3- Hygienic care of bedridden patients.

The Catheters

A tubes commonly made of rubber or plastics , certain types are made silicon.

It has different types:

types of catheters

1. Condom catheter:

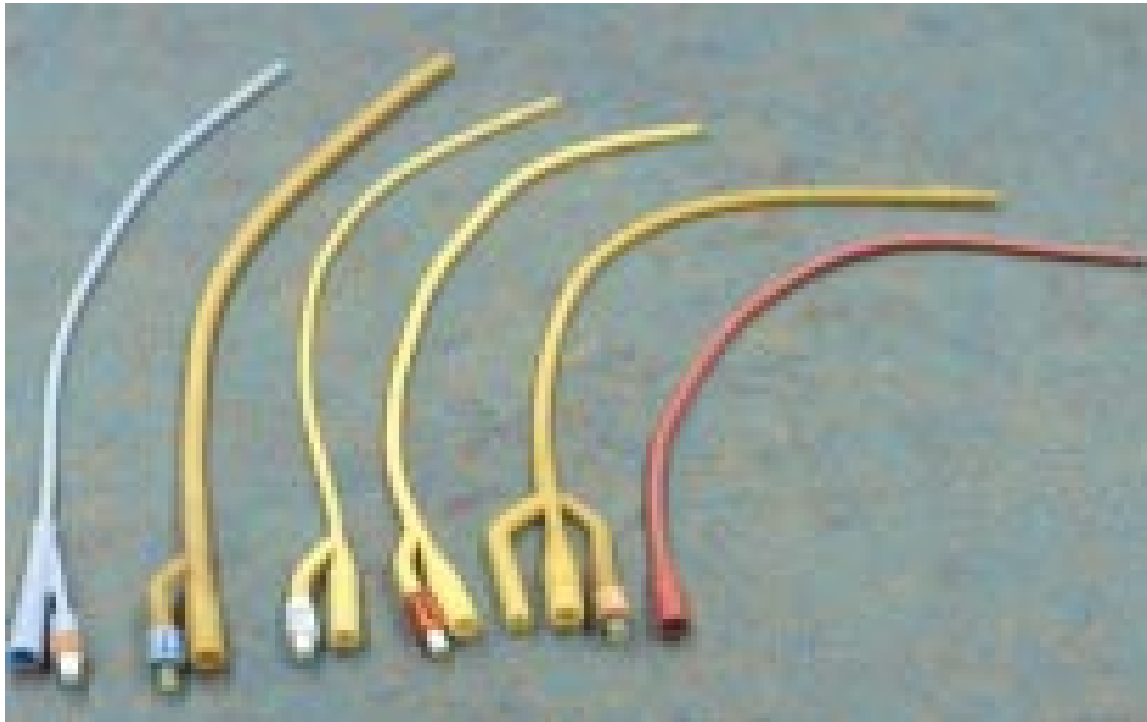
An external device that consists of a condom, tubing, and a drainage bag. It is secured using a special adhesive. It should be changed frequently.

2. Straight or Robinson catheter;
a single-lumen tube with a small eye or opening about 1.25 cm.
3. Retention or Foley catheter:
it has 2 openings one to drain the urine, the other inflate the balloon. .

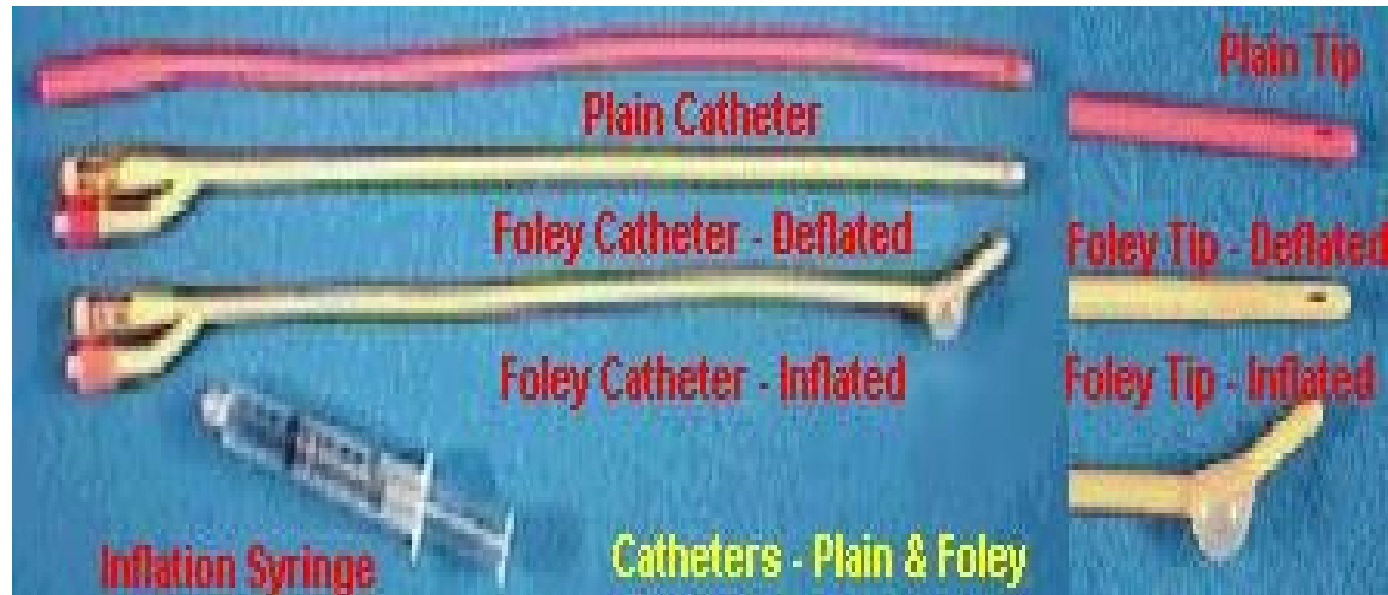
4. Three- way foley catheter:

One that is frequently used for client requiring continual or periodic bladder irrigations.

It is similar to the two-way Foley catheter , except that it has a third channel through which sterile fluid can flow into the urinary bladder



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Catheter sizes:

- catheters are sized by diameter of the lumen and are graded on the French scale of numbers.
- Small sizes as 8 & 10 are used in children
- 14 , 16 18 & 20 are commonly used in adults.

Complications of catheter:

- 1- Injury to the urethra caused by rough insertion of the catheter.
- 2-Urinary tract infection.
- 3- Injury to the bladder caused by incorrect insertion of the catheter.

Thanks