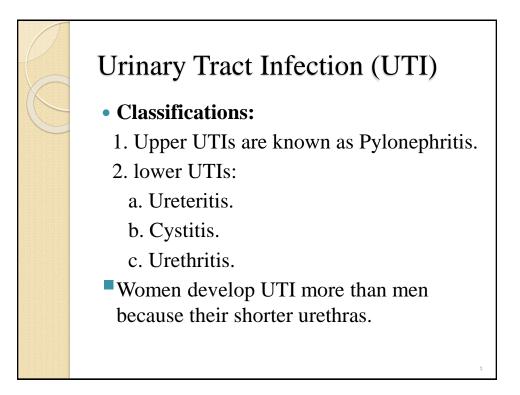
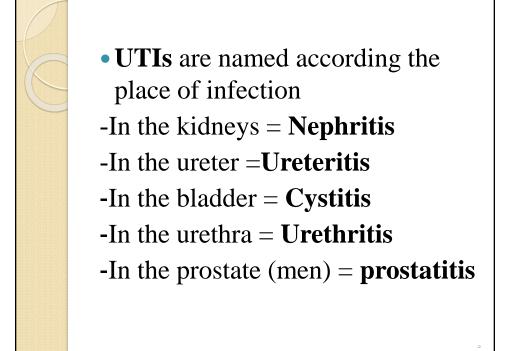
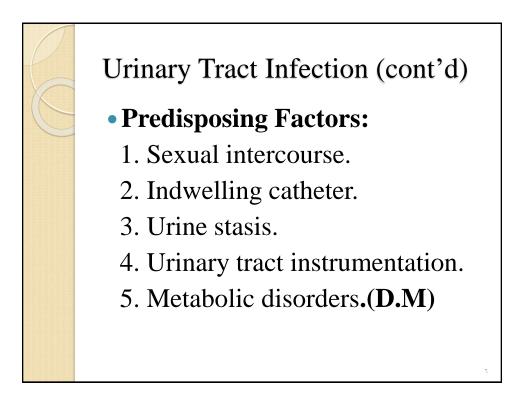


Urological Terms

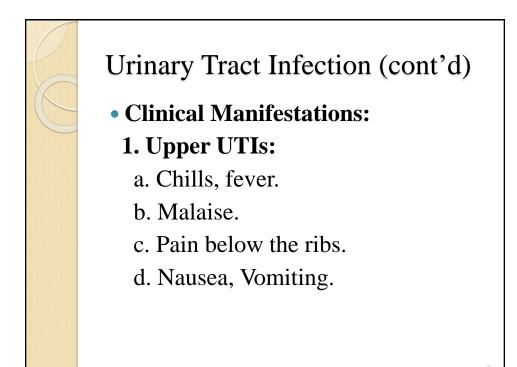
Polyuria: Increase urine output.
Oliguria: Decrease urine output.
Anuria: Absent of urination .
Hematuria: Blood present in urine.
Dysuria: Painful or difficult voiding.
Pyuria: WBCs present in urine.
bacteriuria: bacteria present in urine.
nocturia: Excessive urination at night.
micturition: urination or voiding.
Incontinence: Involuntary loss of urine.
Enuresis: Involuntary voiding during sleep.

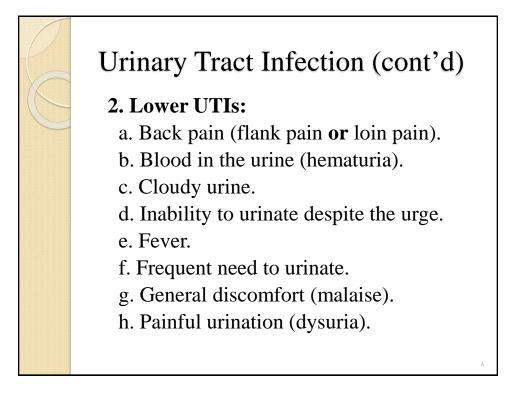


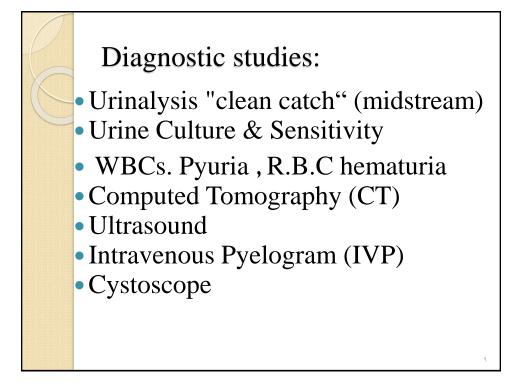


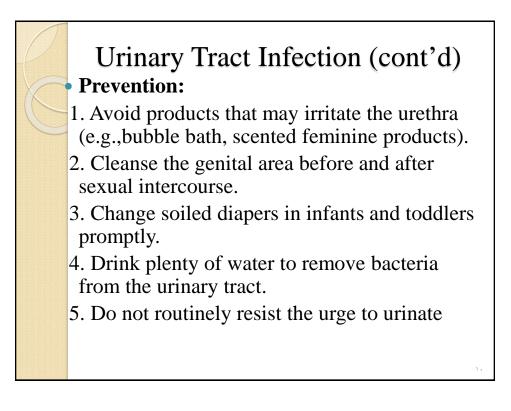


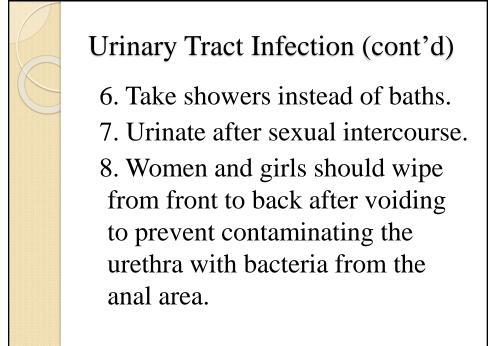
3/25/2022

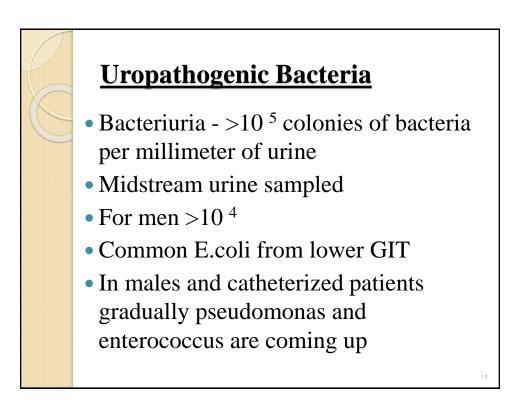












Routes of infection

- Urethra (commonest route)
- •Blood stream
- •Fistula from the intestine

Medical Management

- The nurse has to teach about medical treatment and about methods of prevention
- Short course 3-5 days
- Long course 7-10 days
- Complication in women yeast vaginitis
- Complicated UTI e.g., pyelonephritis a cephalosporin or an ampicillin/aminoglycoside combination
- Other common antibiotics for uti : bactrim, nitrofurantoin, ciprofloxacin, levofloxacin,
- Long term therapy 6-7 months

١٤

Nursing process : lower urinary tract infection <u>Assessment</u> History : symptoms and signs H/O pain, frequency, urgency and changes in urine Patient's usual pattern of voiding : infrequent emptying of the bladder association of symptoms of uti with sexual intercourse contraceptive practices and personal hygiene Patient's knowledge regarding drugs, preventive health measures assessed

Nursing diagnosis

- Acute pain related to inflammation and infection
- Decide about the level of knowledge

Collaborative problems/potential

- complications
- Renal failure due to extensive damage
- Sepsis

Planning and goals

- Relief of pain and discomfort
- Knowledge of prevention
- Absence of complications

١٦

Nursing Interventions Relieving pain

- Antibiotic
- Antispasmodics for bladder also
- Applying heat to perineum
- Increase water intake
- Urinary tract irritants like coffee, tea, citrus, spices, colas, alcohol avoided
- Frequent voiding (every 2 to 3 hours) encouraged
- Complete emptying of bladder preferable

Careful assessment of vital signs ands level of consciousness may warn of impending sepsis.

Blood cultures that are positive for infection and elevated WBC counts are reported to the physician.

١٨

Evaluation

- Expected patient outcomes
- Relief of pain
- Follows treatment regimen
- No complications

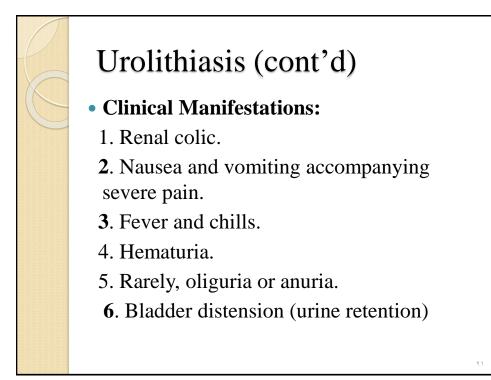
Urolithiasis

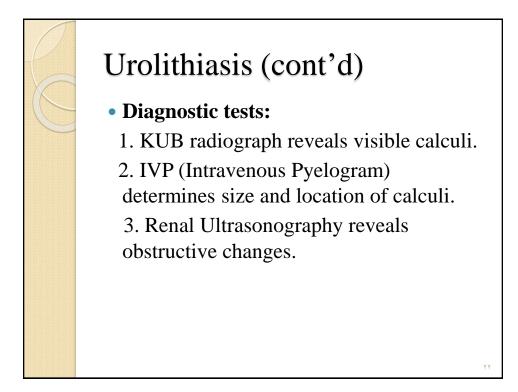
• Urolithiasis : The process of forming stones in the kidney, bladder, and/or urethra (urinary tract).

- Etiology:
 - 1. Immobility.
 - 2. Hypercalcemia.
 - 3. UTIs.
 - 4. Urine stasis.
 - 5. Fractures.

۲.

3/25/2022





3/25/2022

