Excretory System Disorders
Common Disorders

- UTI refers to urinary tract infection. It can occur in different places.
- Bladder ⇒ Cystitis
- Urethra ⇒ Urethritis

- They are more common in women because the urethral and anal openings are closer together, therefore it is easier for bacteria from the colon to enter the urethral opening causing infection.
Symptoms

- Painful urination (burning sensation)
- Frequent urination
- Bloody or brown urine
- A tender back
- Chills, fever, nausea

► If the infection reaches the kidneys it is referred to pyelonephritis. This can be caused by prostate obstruction (older men), or an infection, which traveled up from the bladder (young children).

► All UTIs are serious and can result in permanent damage to the kidneys, even kidney failure. Treatment is usually by antibiotics.
Kidney Stones

► Form when chemicals in the urine precipitate out and form crystals
► More common in men than in women
► Caused by:
  ▪ UTI
  ▪ Insufficient water consumption
  ▪ Low activity levels
  ▪ Too much vit. C and D
Symptoms include:

- Severe pain in the lower back and abdomen
- Bloody urine
- Nausea and vomiting

Treatment:

- Patients are asked to drink lots of water
- Small stones can pass through the urinary tract on their own
- Medication can help breakdown the crystals
- Lithotripsy
- Large stones may require surgery
Do STSE – Kidney