LYMPHATIC SYSTEM: DISEASES AND DISORDERS
ADENITIS

- Inflammation or infection of lymph nodes or glands
- Occurs when pathogens or cancer cells enter lymph nodes and infect the tissue
- Symptoms: Swollen, painful nodes and fever
- Abscess may form in the node if not treated
- Treatment: Antibiotics, and warm, moist compresses
HODGKIN’S DISEASE

- Chronic malignant disease of lymph nodes
- Most common form of lymphoma (tumor of lymph tissue)
- Symptoms:
  - Painless swelling of lymph nodes
  - Fever and night sweats
  - Weight loss
  - Fatigue
  - Pruritus or itching
HODGKIN’S DISEASE
TREATMENT: chemotherapy and radiation
LYMPHANGITIS

- Inflammation of lymphatic vessels
- Usually occurs from infection in an extremity
- Symptoms:
  - Red streak extending up from source of infection
  - Fever and chills
  - Tenderness and pain
LYMPHANGITIS

Treatment: Antibiotics for infection
Rest and elevation of affected part
Warm, moist compresses
- Enlargement of the spleen
- **Causes:** Abnormal accumulation of erythrocytes, mononucleosis, and cirrhosis of the liver
- **Symptoms:** swelling and abdominal pain
- Increased destruction of blood cells can lead to anemia, leukopenia, and thrombocytopenia
- If spleen ruptures: intraperitoneal hemorrhage and shock can lead to death
- Splenectomy done in severe cases
TONSILITIS

• Inflammation or infection of the tonsils

• Usually involves the adenoids and palatine tonsils

• Symptoms:
  • Throat pain and fever
  • Dysphagia or difficulty swallowing
  • White or yellow spots on exudate of tonsils
  • Swollen lymph nodes by the mandible
TONSILITIS

TREATMENT:
- Antibiotics and analgesics for pain
- Warm throat irrigations
- Rest and fluids
- Tonsillectomy in chronic cases