

- I. Vocabulary
 - A.Pathology
 - B.Etiology
 - C.Pathogenesis
 - D.Epidemiology
 - E.Infection
 - F.Disease
 - G.Normal microbiota
 - H.Transient microbiota
- II. Relationships
 - A.Microbial antagonism
 - B.Symbiosis
 - 1.commensalism
 - 2.mutualism
 - 3.parasitism
 - C.Opportunistic
- III.Classifying Infectious Diseases
 - A.Symptoms
 - B.Signs
 - C.Syndrome
 - D.Communicable
 - E.Contagious
 - F.Noncommunicable
- IV.Occurrence
 - A.Incidence
 - B.Prevalence
 - C.Frequency
 - 1.Sporadic
 - 2.Endemic
 - 3.Epidemic
 - 4.Pandemic
- V.Severity and duration of disease
 - A.Acute
 - B.Chronic
 - C.Latent
 - D.Immunity
 - E.herd immunity
- VI.Extent of Host Involvement
 - A.Local infection
 - B.Systemic infection
 - C.Bacteremia
 - 1.septicemia
 - D.Toxemia
 - E.Viremia
 - F.Primary infection
 - G.Secondary infection

VII. Patterns of Disease

A. Predisposing factors

B. Development of Disease

1. Incubation period
2. Prodromal period
3. Period of illness
4. Period of decline
5. Period of convalescence

VIII. Spread of Infection

1. reservoir

A. Human

1. carrier

B. Animal

1. zoonoses

C. non-living

D. Transmission of Disease

1. Contact

- a. Direct
- b. Indirect
 - 1) fomite
- c. Droplet transmission

2. Vehicle transmission

- a. Water
- b. Food
- c. Airborne

3. Vectors

- a. mechanicals
- b. biological

IX. Nosocomial infection

1. CDC

A. Factors

1. opportunistic
2. compromised host
3. Chain of transmission

B. Control

X. Emerging Infectious Diseases

A. Reasons

XI. Epidemiology

A. CDC

1. MMWR

- a. Morbidity
- b. Mortality