

Ex # 28, p 72-73

Epidemiology

Epidemiology is the study of how health and disease are distributed in populations and of factors that influence or determine this distribution.

- Monitors the occurrence of infectious diseases
- Develops strategies for preventing and controlling disease
- Knows and understands basic epidemiologic methods
- Needs to be familiar with features of important infectious diseases and laboratory techniques for identification and quantification of infectious agents
- Understands etiology, distribution, determinants, prevention and control of infectious diseases of major public health importance

Additional references:

1. Textbook
 - a. Ch 14, p 420-450
 - b. Animation: '**Epidemiology**' (go to The Microbiology Place website or CD, click on 'Animations' to view '*Epidemiology*')

Terms:

Carrier
Endemic
Epidemic
Epidemiologist
Epidemiology
Fomite
Pandemic
Reservoir
Serratia marcescens
Transmission
Vector



Glove contaminated with bacteria; then touched on agar