

CONSPECTUS EPIDEMIOLOGY

1. Theory of the epidemic process.
2. Source of infection.
3. Transmission of infectious diseases.
4. Susceptible host.
5. Social and natural factors on epidemic process.
6. Vaccines-types of vaccines, adverse events following immunization.
7. Disinfection and sterilization.
8. Disinsection.
9. Deratization.
10. Epidemiology of nosocomial infections
11. Measures for infected people, contacts and the environment.
12. Epidemiology of Diphtheria
13. Epidemiology of Scarlatina
14. Epidemiology of Meningococcal infection.
15. Epidemiology of Pertussis.
16. Epidemiology of Measles.
17. Epidemiology of Rubella.
18. Epidemiology of Chicken pox.
19. Epidemiology of Mumps.
20. Epidemiology of Typhus abdominalis.
21. Epidemiology of Salmonellosis.
22. Epidemiology of Shigellosis.
23. Epidemiology of Cholera.
24. Epidemiology of Poliomyelitis.
25. Epidemiology of Hepatitis A.
26. Epidemiology of Hepatitis B and D.
27. Epidemiology of Hepatitis C.
28. Epidemiology of Q – rickettsiosis.
29. Epidemiology of Mediterranean Spotted fever.
30. Epidemiology of Congo-Crimean fever.
31. Epidemiology of Lyme disease.
32. Epidemiology of HIV/AIDS.
33. Epidemiology of Tetanus.
34. Epidemiology of Anthrax.

Recommended literature:

1. Harrison's Principles of Internal Medicine, 20 th Edition . (Part 5:Infectious Diseases)
2. Infectious diseases-clinical cases and more. Authors: R.Komitova, A.Kevorkyan, M.Atanasova, O.Boykinova, 2018, Publisher: Medical University- Plovdiv (Editor: prof. Yordanka Stoilova) (ISBN 978-619-237-019-0).
3. Epidemiology and prevention of vaccine-preventable diseases, 13-th edition (2015).
<https://www.cdc.gov/vaccines/pubs/pinkbook/chapters.html>

Additional resources:

1. European Centre for Disease Prevention and Control

<https://www.ecdc.europa.eu/en/home>

2. Centre for Disease Prevention and Control

<https://www.cdc.gov/>