

## List of questions for homework for classes from infectious diseases

Written by Infection

Thursday, 18 August 2022 02:00 - Last Updated Thursday, 18 August 2022 14:48

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Tentative list of items to the final lesson semantic module 1

1. The notion of "infection", "infectious process", "infectious disease". Features of infectious diseases.
2. Milestones Infection. Scientific contribution of domestic and foreign scholars in the study of infectious diseases.
3. History Department of Infectious Diseases and Epidemiology SSU.
4. Classification of infectious diseases.
5. Principles of diagnosing infectious diseases.
6. Methods of specific diagnostics of infectious diseases.
7. Principles of infectious diseases.
8. Principles of treatment of infectious diseases.
9. The structure and operation of an infectious hospital. Indications for hospitalization, general

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survey and discharge of patients with infectious hospital. Features of medical records.

10. General characteristics of infectious diseases with fecal-oral mechanism of transmission.
  
11. Typhoid fever, paratyphoid A and B: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.
  
12. Cholera: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.
  
13. Dehydration shock: definition, pathogenesis, clinical manifestations, differential diagnosis. Clinical and laboratory diagnosis of fluid and electrolyte disorders in various stages of dehydration. Emergency.
  
14. Salmonellosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.
  
15. Food poisoning: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules prescribing patients with infectious hospital.
  
16. Rotavirus infection: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules prescribing patients with infectious hospital.
  
17. Enteroviral disease: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for

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hospitalization, rules prescribing patients with infectious hospital.

18. Poliomyelites: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.

19. Intestinal yersinosis : etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

20. Pseudotuberculosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

21. Shigellosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

22. Amebiasis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

23 .Giardiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

24. Balantidiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

25. Botulism: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure

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for admission, rules prescribing patients from hospital.

26. Classification of helminths. Effect of helminths on the human body. Methods of laboratory diagnosis of helminthiasis.

27. Ascariasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

28. Enterobiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

29. Trichocephalosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

30. Ancylostomiasis : etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

31. Strongyloidiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

32. Trichinosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

33. Dirofilariasis : etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention.

34. Toxocariasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention.

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35. Diphyllbothriasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

36. Taeniarhynchus : etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

37. Teniasis, cysticercosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

38. Hymenolepiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

39. Echinococcosis : etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

40. Alveococcosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention.

41 Opisthorchiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.

42 Schistosomiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention.

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### LIST OF MANDATORY PRACTICAL SKILLS

- 1 Indications for hospitalization of patients in the hospital.
- 2 Methodology introduction of therapeutic sera.
- 3 Collecting the blood for blood culture.
- 4 blood sampling for serological studies.
- 5 Fence material (urine, feces, bile) for bacteriological examination.
- 6 Collection of material for research on viruses.
- 7 Gastric lavage.
- 8 Flushing intestine.
- 9 Sigmoidoscopy.
- 10 Ovoescopy feces.

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Tentative list of items to the final lesson semantic module 2:

1. General characteristics of infectious respiratory diseases.
2. Influenza: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
3. Parainfluenza : etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
4. Adenoviral disease: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
5. RS-infection: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
6. Rynovirusna infection: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.

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7. Classification of human herpesvirus. Total characteristic of herpes virus diseases.

8. Herpetic infection: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.

9. Chickenpox. Herpes zoster. Etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, general discharge of patients from hospital.

10. Infectious mononucleosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.

11. Peculiarities of herpes virus infections in patients with HIV / AIDS.

12. Cytomegalovirus: etiology, epidemiology, pathogenesis, classification, clinic, peculiarities in adults, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules prescribing patients with infectious hospital.

13. Rubella: etiology, epidemiology, pathogenesis, classification, clinic, peculiarities in adults, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules prescribing patients with infectious hospital.

14. Viral mumps disease: etiology, epidemiology, pathogenesis, classification, clinic, peculiarities in adults, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules prescribing patients with infectious hospital.

15. Diphtheria: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission,



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rules prescribing of infectious hospital.

16. Meningococcal disease: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment principles of various clinical forms of emergency aid in the prehospital phase, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

17. ITSH: definition, pathogenesis, classification, clinical and laboratory diagnosis, treatment guidelines, emergency Prehospital.

18. NNHM: definition, pathogenesis, classification, clinical and laboratory diagnosis, treatment guidelines, emergency Prehospital.

19. Respiratory mycoplasmosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment principles of various clinical forms of prevention. Indications for hospitalization.

20. Psittacosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment principles different clinical forms prevention. Indications for hospitalization.

21. Legionellosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment principles of various clinical forms of prevention. Indications for hospitalization.

22. Acute respiratory failure: definition, classification, pathogenesis, clinical and laboratory diagnosis, treatment guidelines, emergency Prehospital.

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### LIST OF MANDATORY PRACTICAL SKILLS

1. Allergic skin test with ornithine.
2. Allergic skin test with tuberculin (tuberculosis).
3. Methodology introduction of therapeutic sera.
4. Blood sampling for serological studies.
5. Collection of material for research on viruses.
6. Lumbar puncture.
7. Catheterization of the bladder.
8. Indications for hospitalization of patients in the hospital.

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9. Indirect (closed) cardiac massage.

10. Intubation.

11. Ventilator.

12. Puncture of pleural cavity.

Tentative list of items to the final lesson semantic module 3:

1. General characteristics of blood of infectious diseases.

2. HAV : etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment guidelines, prevention. Indications for hospitalization, rules prescribing for patients with infectious hospital.

3. HEV: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment guidelines, prevention. Indications for hospitalization, rules prescribing for patients with infectious hospital.

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4. HBV: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment guidelines, prevention, prognosis. Indications for hospitalization, rules prescribing for patients with infectious hospital.

5. HCV: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment guidelines, prevention, prognosis. Indications for hospitalization, rules prescribing for patients with infectious hospital.

6. HDV: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment guidelines, prevention, prognosis. Indications for hospitalization, rules prescribing for patients with infectious hospital.

7. Differential diagnosis of jaundice.

8. Fulminant viral hepatitis: pathogenesis, clinical and laboratory diagnosis, treatment guidelines.

9. Chronic viral hepatitis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, principles of treatment, prognosis.

10. HIV infection: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment guidelines, prevention, prognosis. Procedure for admission, examination, clinical examination.

11. AIDS-associated protozoal infestations: pneumocystis pneumonia, cryptosporidiosis, izosporoz, cerebral toxoplasmosis. Clinical and laboratory diagnosis. Principles of treatment and prevention. Indications for hospitalization.

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12. AIDS-associated fungal infections: candidiasis, cryptococcosis. Clinical and laboratory diagnosis. Principles of treatment and prevention. Indications for hospitalization.

Tentative list of items to the final lesson semantic module 4:

1. General characteristics of infectious diseases transmissible mechanism of transmission.
2. Malaria: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for testing for malaria. Procedure for admission, rules prescribing the patients with infectious hospital.
3. Leishmaniasis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, treatment guidelines and prevention. Indications for hospitalization.
4. Dengue Fever 4: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, complications, prognosis, principles of treatment and prevention.
5. Fever Pappatachi: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, complications, prognosis, principles of treatment and prevention.
6. Tick-borne encephalitis: etiology, epidemiology, classification, pathogenesis, clinical course,

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laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.

7. Lyme disease: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.

8. Epidemic typhus and Brill's disease: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

9. Epidemic relapsing fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

10. Q-fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

11. Marseille fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing the patients with infectious hospital.

## LIST OF MANDATORY PRACTICAL SKILLS

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1. Allergic skin test with brutselinom (reaction Byurne with brucellosis).
2. Collecting blood for sterility.
3. Blood sampling for serological studies.
4. Blood sampling for biochemical studies.
5. The survey was blood on malaria plasmodium.
6. Collection of material for research on viruses.
7. Lumbar puncture.
8. Fractional duodenal intubation.
9. Determination of bile pigments in the urine (sample Rosina).
10. Rapid laboratory tests for the rapid diagnosis of infectious diseases
11. Indications for hospitalization of patients in the hospital.

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Tentative list of items to the final lesson semantic module 5

1. General characteristics of infectious diseases with a traumatic mechanism of transmission.
2. Leptospirosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing for patients with infectious hospital.
3. HHAS: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure for admission, rules prescribing for patients with infectious hospital.
4. Acute renal failure: definition, pathogenesis, classification, clinical and laboratory diagnosis, treatment guidelines, emergency Prehospital.
5. Rabies: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Procedure hospitalization.
6. Tetanus: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Procedure hospitalization.
7. Erysipelas: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.



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Indications for hospitalization.

8. *Fellinosis*: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.

9. *Erizipeloid*: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.

10. *Sodoku*: *sodoku*, *streptobatsyloz*. Etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.

11. Definitions "very dangerous" and "quarantine" of the disease.

12. General characteristics of infectious diseases with multiple mechanisms of transmission.

13. *Plague*: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital. Preventive measures in the hearth.

14. *Anthrax*: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital. Preventive measures in the hearth.

15. *Rabbit-fever*: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital. Preventive measures in the

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hearth.

16. Smallpox: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, prognosis, principles of treatment and prevention.

17. Yellow fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital.

18. Congo-Crimean fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital.

19. Fevers Marburg , Ebola, Lassa: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital.

21. Brucellosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment and prevention. Procedure for admission, rules prescribing for patients with infectious hospital.

22. Sepsis: definition, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, prognosis, principles of treatment and prevention. Procedure for admission, rules prescribing patients from hospital.

23. The concept of the syndrome of fever of unknown origin. Algorithm for patient examination.

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24. The concept of TORCH-infections: definition, etiology, epidemiology, clinical and laboratory diagnosis, prognosis. Principles of examination, treatment and prevention.

25. Toxoplasmosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.

26. Nosocomial infections: general characteristics, clinical course, diagnosis, principles of treatment and prevention.

27. Anaphylaxis: pathogenesis, classification, clinical features, differential diagnosis, emergency aid.

28. Serum disease: pathogenesis, clinical manifestations, differential diagnosis, emergency aid.

## LIST OF MANDATORY PRACTICAL SKILLS

1. Conduct a skin allergy test with toxoplasmosis.

2. Carrying allergic skin tests with tularemia.

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3. Carrying allergic skin tests with antraksynom.
4. Methodology introduction of therapeutic sera.
5. Collecting blood for sterility.
6. Blood sampling for serological studies.
7. Collecting material (urine, feces, bile) for bacteriological examination.
8. Collection of material for research on viruses.
9. Indications for hospitalization of patients in the hospital.
10. Puncture tambourine.