

Digestive system

1. Determine the advantages of minimicrosphere capsules of pancreatic enzyme preparations
2. Determine the efficacy criteria of pancreatic enzyme preparations
3. Determine the manifestations of the antiulcer effect of H₂-histamine blockers
4. Determine the side effects of H₂-histamine blockers
5. Determine the manifestations of the antiulcer effect of proton pump inhibitors
6. Determine the side effects of proton pump inhibitors
7. Name the possible consequences of marked inhibition of gastric secretion by proton pump inhibitors:
8. Determine the specific indications of prostaglandin analogues as antiulcers
9. Determine antacids with neutralizing action
10. Determine the therapeutic effects of nonsystemic antacids
11. Determine the adverse reactions of systemic antacids
12. Determine the effects of dopamine-blocking and serotonergic prokinetics
13. Determine the indications for prokinetics
14. Determine the mechanisms of action of activated charcoal as an antiflatulent
15. Determine the indications for bulk laxatives
16. Determine the indications for laxatives by softening the stool
17. Determine the indications for osmotic purgatives
18. Determine the indications for irritating purgatives with action on the large intestine
19. Determine the specific indication of serotonin antagonists as antiemetics
20. Select the antiemetics recommended for the treatment of patients with nausea secondary to vertigo or motion sickness.
21. Name the antiemetics that can increase the duration of the QT interval and carry the risk of cardiotoxic reactions:
22. Determine the particularities of the antidiarrheal effect of opioids
23. Determine the effects of silymarin
24. Determine the indications of silymarin
25. Determine the advantages of clinical use of silymarin
26. Determine the indications of ademetionine
27. Determine the advantages of clinical use of ademetionine
28. Determine the early effects of the clinical use of ursodeoxycholic acid
29. Determine the advantages of clinical use of ursodeoxycholic acid
30. Determine the pharmacodynamic peculiarities of entomological preparations as hepatoprotectors

Hormonal preparations

1. Determine the time to development of the stable clinical effect of levothyroxine.
2. Determine the indications of hormonal preparations of the thyroid gland:
3. Determine the dosing principles of thyroid gland preparations:
4. Determine the pharmacokinetic peculiarities of thyroid preparations:
5. Determine the indications of thioamides as antithyroid preparations:
6. Determine the side effects of antithyroid thioamides:
7. Determine the indications of iodine preparations as antithyroid:
8. Determine rapid-acting insulin analogues with short duration of action:
9. Determine the slow-acting insulin analogues with long duration of action:
10. Determine the clinical manifestations of hypoglycemia in case of insulin overdose:
11. Determine the dosing principles of insulin preparations:
12. Determine the particularities of the hypoglycemic effect of biguanides:

14. Determine the particularities of the hypoglycemic effect of DPP-IV inhibitors:
15. Determine the particularities of the hypoglycemic effect of GLP-1 receptor agonists:
16. Determine the particularities of the hypoglycemic effect of tetrasaccharides or sodium-glucose cotransporter-2 inhibitors:
17. Determine the particularities of the hypoglycemic effect of meglitinides:
18. Determine the glucocorticoid with the greatest activity (potency):
19. Determine the glucocorticoid with the short duration of action:
20. Determine the characteristics of the non-genomic mechanism of action of glucocorticoids:
21. Determine the glucocorticoid with the most marked non-genomic mechanism of action:
22. Determine the peculiarities of the anti-shock effect of glucocorticoids:
23. Determine the principles of use of glucocorticoids in intensive care:
24. Determine the principles of use of glucocorticoids in long-term therapy:
25. Determine the adverse reactions of glucocorticoids.

Analgesics and NSAIDs

1. Select selective nonsteroidal anti-inflammatory drugs.
2. Select the pharmacological effects of NSAIDs.
3. Select the glucocorticoid with the longest duration of action
4. Select the indications of NSAIDs.
5. Select the non-steroidal anti-inflammatory drug that selectively inhibits COX-1.
6. Select side effects of NSAIDs.
7. Select the clinical effects on CNS of opioid analgesics.
8. Select the indications of opioid analgesics.
9. Select the effects of opioid analgesics on the digestive and urinary tract
10. Select the effects of opioid analgesics on the respiratory and cardiovascular systems
11. Select the CNS side effects of opioid analgesics.
12. Select the particularities of the analgesic effect of paracetamol.
13. Select the particularities of the analgesic effect of tramadol.
14. Select the mechanisms of action of peripherally acting analgesics
15. Select the groups of peripherally acting analgesic drugs.

CNS

1. Select the groups of sedative drugs
2. Select the indications of sedative drugs
3. Select long-acting anxiolytics
4. Select the manifestations of the anxiolytic effect of benzodiazepines
5. Select the pharmacodynamic effects of anxiolytics
6. Select the indications of anxiolytics
7. Select the side effects of anxiolytics
8. Select groups of antipsychotics (neuroleptics) according to the clinical spectrum
9. Select the peculiarities of the mechanism of action of antipsychotics
10. Select the effects of antipsychotics
11. Select the manifestations of the psychosedative effect of antipsychotics
12. Select the manifestations of the antipsychotic effect of antipsychotics
13. Select the indications of antipsychotics in psychiatry
14. Select the CNS side effects of antipsychotics

15. Select endocrine side effects of antipsychotics
16. Select cardiovascular side effects of antipsychotics
17. Select thymoisoleptic drugs
18. Select the clinical manifestations of the antidepressant effect of antidepressant drugs
19. Select the pharmacodynamic effects of antidepressants
20. Select the side effects of antidepressants.
21. Select the indications of nootropic drugs
22. Select the effects of nootropics
23. Select the pharmacodynamic effects of CNS stimulants
24. Select the adverse reactions of CNS stimulants from the group of phenylalkylamines
25. Select the manifestations of the psychostimulant effect of methylxanthines

Antibiotics and Chemotherapeutics of diverse chemical structure

1. Determine the peculiarities of the spectrum of action of semisynthetic aminopenicillins
2. Determine the peculiarities of the spectrum of action of ureidopenicillins
3. Determine the pharmacokinetic characteristics of penicillins
4. Determine the characteristic side effects of penicillins
5. Determine the V-th generation of cephalosporins
6. Determine the peculiarities of the spectrum of action of cephalosporins of the III generation
7. Determine the peculiarities of the spectrum of action of cephalosporins of the second generation
8. Determine the peculiarities of the spectrum of action of IV generation cephalosporins
9. Determine the pharmacokinetic features of cephalosporins
10. Determine the peculiarities of the spectrum of action of aminoglycosides
11. Determine the characteristic adverse reactions of aminoglycosides
12. Determine the pharmacokinetic features of aminoglycosides
13. Determine the specific indication for lincosamides
14. Determine the peculiarities of the spectrum of action of macrolides
15. Determine the peculiarities of the action spectrum of glycopeptides
16. Determine the characteristic adverse reactions of tetracyclines
17. Determine the pharmacokinetic parameters of tetracyclines
18. Determine the peculiarities of the spectrum of action of polymyxins
19. Determine the characteristic adverse reactions of polymyxins
20. Determine the characteristic adverse reaction of lincosamides
21. Determine the specific indications for chloramphenicol
22. Determine the most rational combination of antibiotic groups
23. Determine the variant of indications of nitroimidazole derivatives

24. Determine the variant of antimicrobial groups of choice in the treatment of Bac. fragilis infection
25. Determine the variety of sulfonamides with topical action
26. Determine the variety of combined systemic sulfonamides
27. Determine the variety of indications for sulfonamides with intestinal action
28. Determine the variety of indications for sulfonamides with topical action
29. Determine the variety of indications of sulfonamides azo compounds
30. Determine the variety of adverse reactions of sulfonamides
31. Determine the variant of the action spectrum of nitrofurans
32. Determine the variant of non-fluorinated quinolones
33. Determine the fluoroquinolone variant
34. Determine the variant of the spectrum of action of fluoroquinolones
35. Determine the variant indications of nitroimidazole derivatives
36. Determine the characteristic adverse reaction of nitroimidazole derivatives
37. Determine the pharmacokinetic parameters of nitroimidazole derivatives
38. Determine the variant of the action spectrum of oxazolidinones

Respiratory system

1. Determine the indications for antitussive drugs
2. Determine the pharmacodynamic effects of acetylcysteine
3. Determine beta-adrenomimetics as ultralong-acting bronchodilators
4. Determine the therapeutic benefits of beta-adrenomimetics in asthma
5. Determine the side effects of inhaled beta-adrenomimetics
6. Determine M-cholinoblockers as ultralong-acting bronchodilators
7. Determine the therapeutic benefit of M-cholinoblockers in bronchial asthma
8. Determine the indications of M-cholinoblockers as bronchodilators
9. Determine the inhaled glucocorticoids used in asthma
10. Determine the therapeutic benefit of glucocorticoids in asthma
11. Determine the side effects of inhaled glucocorticoids as bronchodilators
12. Determine the therapeutic benefit of methylxanthines in asthma
13. Determine the adverse reactions of methylxanthines as a function of concentration
14. Determine the indications of methylxanthines
15. Determine the antiallergic drugs used in anaphylactic shock
16. Determine H1-antihistamines of the III-rd generation
17. Determine H1-antihistamines of the 2nd generation
18. Determine the pharmacodynamic effects of H1-antihistamines.
19. Determine the indications of H1-antihistamines with antiallergic purpose
20. Determine the side effects of H1-antihistamines.
21. Determine the effects of epinephrine in anaphylactic shock
22. Determine the effects of glucocorticoids as antiallergic
23. Determine the indications of glucocorticoids as antiallergic
24. Determine the indications of mast cell degranulation inhibitors.
25. Determine the drugs used in asthma attacks

Cardio-vascular system

1. Determine the particularities of the antiarrhythmic effect of drugs from group 1A
2. Determine the particularities of the antiarrhythmic effect of drugs from group 1B
3. Determine the indications of antiarrhythmic drugs from group 1B
4. Determine the particularities of the antiarrhythmic effect of beta-adrenoblockers
5. Determine the particularities of the antiarrhythmic effect of calcium channel blockers
6. Determine the particularities of the antiarrhythmic effect of amiodarone
7. Determine the indications for amiodarone
8. Determine the effects of cardiac glycosides on the heart
9. Determine the electrocardiographic changes induced by cardiac glycosides
10. Determine the clinical picture of poisoning with cardiac glycosides
11. Determine the drugs used in cardiac glycoside poisoning
12. Determine the pharmacokinetic characteristics of digoxin
13. Determine the dosing principles of cardiac glycosides
14. Determine the peculiarities of the antianginal effect of nitrates at the systemic level
15. Determine the adverse reactions of nitrates
16. Determine the peculiarities of the antianginal effect of beta-adrenoblockers
17. Determine the peculiarities of the antianginal effect of calcium channel blockers
18. Determine the drugs used in attacks of angina pectoris
19. Determine direct-acting factor Xa antagonist anticoagulants
20. Determine the groups of antiplatelet drugs
21. Determine the clinical effects characteristic for standard heparin
22. Determine the peculiarities of the anticoagulant effect of low molecular weight heparins
23. Determine the particularities of the antiplatelet effect of acetylsalicylic acid
24. Determine the indications for heparin
25. Determine the indications of antiplatelet agents
26. Determine the indications of indirect-acting anticoagulants
27. Determine the indications of fibrinolytics with indirect action
28. Determine the adverse reactions of standard heparin
29. Determine the indications of synthetic antifibrinolytics
30. Determine the peculiarities of the hemostatic effect of vitamin K agents
31. Determine the groups of neurotropic antihypertensive drugs
32. Determine the antihypertensive drugs with influence on the renin-angiotensin-aldosterone system
33. Determine the indications of alpha-2-adrenomimetics and centrally acting imidazoline receptor agonists
34. Determine the peculiarities of the antihypertensive effect of beta-adrenoblockers

35. Determine the specifics of the antihypertensive effect of calcium channel blockers
36. Determine the specifics of the antihypertensive effect of angiotensine converting enzyme inhibitors
37. Determine the effects of angiotensine converting enzyme inhibitors
38. Determine the side effects of angiotensine converting enzyme inhibitors
39. Determine the specifics of the antihypertensive effect of angiotensin receptor blockers
40. Determine the drugs used in emergencies and hypertensive cases
41. Determine the particularities of use of alpha-adrenomimetics as antihypotensive agents
42. Determine the specifics of use of alpha-beta-adrenomimetics as antihypertensives
43. Determine the pharmacodynamic peculiarities of dopaminomimetics
44. Determine the indications of dopaminomimetics
45. Determine the pharmacodynamic effects of isothioureia derivatives as antihypertensives
46. Determine the peculiarities of the antihypotensive action of glucocorticoids
47. Determine the drugs used in hypotonic arterial hypotension
48. Determine the drugs used in hypertension-type arterial hypotension
49. Determine the peculiarities of action of loop diuretics
50. Determine the indications for loop diuretics
51. Determine the adverse reactions of loop diuretics
52. Determine the peculiarities of action of thiazide and non-thiazide diuretics
53. Determine the particularities of action of diuretics of competitive antagonists of aldosterone
54. Determine the peculiarities of the antihypertensive effect of diuretics
55. Determine the pharmacodynamic effects of dextrans 40,70.