

Exam questions

1. Bio-psycho-social aspects of addiction
2. Classification of psychoactive substances
3. Methods and means of use of psychoactive substances
4. Individual characteristics of substances by classes
5. Neuronal mechanisms of psychoactive substances action
6. Neuroadaptation - intracellular cascades
7. Tolerance
8. Formation of dependence
9. Neuroanatomy of dependence
10. Neurobiological mechanisms of drug use and dependence -reward system and dependence
11. The dopamine Hypothesis of dependence
12. Neurobiology of relaps
13. Diseases due to consumption of psychoactive substances
14. Main narcology symptoms and syndromes
15. Mental and behavioral disorders caused by alcohol abuse
16. Types of alcohol intoxication
17. Classification of alcoholism
18. Stages of alcohol dependence
19. Main complications of alcohol dependence
20. Emergency care for acute alcohol intoxication
21. Principles of treatment and rehabilitation of alcohol dependence
22. Classification of alcoholic psychoses
23. Clinic of alcoholic psychoses
24. Mental and behavioral disorders caused by opioid abuse
25. Determination (definition) of opiates and opioids
26. Mechanisms of the effects of opioids on the central nervous system (CNS)
27. Mechanisms for the development of dependence on opioids
28. Intoxication caused by the use of opioids
29. Dependence and withdrawal status
30. Opioid intoxication
31. Intoxication phases and characteristics of addiction
32. Emergency care for acute poisoning (overdose) with opioids
33. Stages of addiction, complications
34. Methods of treatment of drug addiction
35. The essence and principles of methadone substitution therapy
36. Mental and behavioral disorders caused by the abuse of sedatives and hypnotics
37. Features of acute intoxication with sedatives and hypnotics
38. Phases of intoxication with with sedatives and hypnotics
39. Emergency help in case of overdose with sedatives and hypnotics
40. Clinic and treatment of acute intoxication caused by benzodiazepines and barbiturates
41. Stages of addiction and complications
42. Features of treatment
43. Mental and behavioral disorders caused by the abuse of central nervous system stimulants
44. Acute intoxication with cocaine, intoxication phases
45. Emergency help in case of overdose
46. The stages of cocaine addiction

47. The use and abuse of amphetamines and methamphetamines
48. Development of addiction
49. Main effects of caffeine consumption, dependence
50. Nicotine addiction and its treatment
51. Acute intoxication caused by the use of Ecstasy, complications
52. Principles of treatment
53. Methods of cannabinoids consuming, basic preparations
54. Mechanism of cannabinoid action
55. Intoxication caused by the consumption of cannabinoids
56. Emergency care for acute poisoning with cannabinoids
57. Stages of cannabinoid dependence development, complications, treatment methods
58. Mental and behavioral disorders caused by abuse of hallucinogens
59. Main forms and methods of hallucinogens consumption
60. Mechanism of action and pharmacodynamics of LSD, phencyclidine and similar hallucinogens
61. Acute intoxication, intoxication phases, emergency care in case of overdose
62. Stages of dependence on hallucinogens, complications and treatment features
63. Mental and behavioral disorders caused by abuse of volatile solvents (inhalants)
64. The main varieties of volatile solvents (inhalants), epidemiology,
65. Main factors for the development of dependence on inhalants, modes of consumption
66. Mechanism of action and pharmacodynamics,
67. Acute intoxication with inhalants, intoxication phases, clinical features and emergency care,
68. Features of dependence and withdrawal syndrome, treatment and rehabilitation features
69. New psychoactive substances, the dangerous consequences of their use, symptoms of intoxication, principles of treatment