

## **Questions for the practical exam in pathophysiology – general medicine**

1. Gnotobiology and genetics of laboratory animals
2. Laboratory animals - main species, principles of use of experimental animals
3. Statistics – basic term and approaches
4. Statistical studies, graphs, tests of hypotheses
5. Injections, dose calculation
6. General and local anesthesia
7. Stages and application forms of general anesthesia, dose calculation
8. Local anesthesia
9. Examination of pulmonary ventilation, disorders of pulmonary ventilation
10. Principles of ECG
11. Rumpel-Leede test, blood pressure measurement
12. EEG – principles and application
13. EEG, evoked potentials
14. Stereotaxic principles and application
15. Diagnostic applications of electric current in medicine
16. Surgical instruments
17. Surgical sewing materials, types of needles, surgical knot
18. Surgical knots and sutures