

**LIST OF THE LABORATORY TASKS  
FOR THE FINAL EXAM  
for Medical Students**

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1. Electroneurogram (ENG) recording of mixed nerve (frog sciatic nerve).
2. Measurement of the conduction velocity of different nerve fibres of the sciatic nerve.
3. Relatedness between stimulus intensity (I) and duration (t), and excitation (the Horveg-Wess curve).
4. Clinically important reflexes.
5. EEG as a method of recording the electrical activity of the brain.
6. Determination of blood types with test sera.
7. Drawing blood.
8. Chamber method for RBC count.
9. Chamber method for WBC count.
10. Examination of the thyroid gland:
  - 10.1. Radioiodine uptake test.
  - 10.2. T<sub>3</sub> inhibition test (Werner's test).
11. Methods for examining the adrenal glands:
  - 11.1. Thorn's test.
  - 11.2. Dexamethasone (prednisolone F) suppression test of glucocorticoid secretion.
  - 11.3. Na salt inhibition of aldosterone secretion.
12. Methods for examining the pancreas:
  - 12.1. Oral glucose tolerance test (OGTT).
13. Tests for early pregnancy:
  - 13.1. The Galli-Mainini test.
  - 13.2. Immunological pregnancy tests.
14. Measurement of lung volumes and capacities.
15. Measurement of oxygen consumption and carbon dioxide release.
16. Recording and analysis of the ECG.
17. Sphygmography.
18. Measuring the arterial blood pressure.
19. Combined functional test of the cardiovascular system.

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