

Checklist for an internship interview

"PRODUCTION PRACTICE: PRACTICE OF DIAGNOSTIC PROFILE"

for students by specialty

**31.05.01. General medicine
in 2023-2024 academic year**

1. Methods of general examination of the patient (anthropometry, thermometry, tonometry).
2. Rules for collecting biological material for laboratory research. Preparing patients for instrumental research methods.
3. Examination of a patient with cardiac pathology: palpation of large vessels, the heart area, cardiac percussion techniques (determining the boundaries of relative and absolute cardiac dullness), auscultation.
4. Method of measuring blood pressure. Interpretation of blood pressure indicators in various pathological conditions.
5. Registration technique and structure of a normal ECG.
6. Methodology, indications, diagnostic criteria for bicycle ergometer, stress echocardiographic stress tests.
7. Indications, methods of performing ABPM.
8. Methodology for questioning and examining a patient with connective tissue diseases: examination, palpation of joints, spine. Methodology and diagnostic value of functional tests (Ott, Schober, Thomaier).
9. Methods of questioning and examining patients with diseases of the digestive system. Percussion, palpation of the abdominal organ

(superficial indicative palpation, deep methodical sliding palpation).

10. Main symptoms and syndromes of liver pathology.

11. Methodology for conducting and evaluating the results of gastric pH metric probing (criteria for hypo-hypersecretory disorders).

12. Methods for detecting *Helicobacter pylori*, indications, diagnostic criteria.

13. Principles of the method of Ro-examination of the esophagus, stomach, duodenum, preparation of the patient, indications, contraindications.

14. The principle of the FGDS method, diagnostic capabilities, preparation rules, indications and contraindications for implementation.

15. Development of methods for examining patients with diseases of the endocrine system (questioning, examination, palpation of the thyroid gland).

16. Methods for diagnosing impaired glucose tolerance (determination of blood glucose, glycated hemoglobin, glucose tolerance test).

17. Methodology for assessing general urine analysis, according to Nechiporenko, Zimnitsky and Rehberg's test. Calculation of glomerular filtration rate using the SKD-EPI, MDRD formulas.

18. Methodology and diagnostic value of intravenous excretory uro- and pyelography.

19. Method of performing pleural puncture. Evaluation of the results of pleural fluid examination.

20. Evaluation of the results of a study of pulmonary function (RR, FEV1, maximum expiratory flow, vital capacity, functional tests).

21. Concept of peak expiratory flow variability. Methodology for conducting and evaluating the results of peak flowmetry indicators in pathology of the bronchopulmonary system (COPD, BA).

22. Methodology for conducting and interpreting instrumental data from examining the respiratory organs (fluoroscopy, radiography, bronchoscopy, spirometry).

23. Methodology for conducting, reading and interpreting a general blood test.

24. Methodology for conducting and evaluating the results of sternal puncture.

25. Methodology for determining blood groups and Rh factor using the ABO system. Indications for blood transfusions, methods of blood transfusions, complications.

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Head of the department

Associate Professor, Doctor of Medical Sciences



Shilova L.N.