

## 4-th year students

### Type of practical training: assistant to a physical at the in-patient medical department (therapy)

#### The list of compulsory practical skills and knowledge:

1. Management of patients
2. Filling in case histories (including those while on duty)
3. Composing and grounding a plan of investigations for a patient
4. Making differential diagnosis, grounding and formulating of a final clinical diagnosis:
  - the main disease;
  - complications;
  - associate conditions
5. Diagnosis and rendering emergency care (attack of bronchial asthma and status asthmaticus, fainting, angina pectoris, hypertensive crisis, renal and biliary colics, diabetic coma, hypoglycaemia, anaphylactic shock, etc.)
6. External cardiac massage and artificial respiration
7. Hygienic requirements while working at a medical department
8. Intravenous injections
9. Intravenous infusion of solutions
10. Determining a blood group and making an Rh-incompatibility test
11. Observing blood transfusion
12. Taking ECG, PCG and echocardiography on one's own
13. Deciphering ECG, PCG and echocardiography
14. Estimating radiological findings
15. Estimating laboratory findings (clinical, biochemical tests, liver and kidney function tests)
16. Participation in pleural and abdominal punctures
17. Taking blood pressure
18. Observing autopsy examinations
19. Participation in communication of autopsy results
20. Observing endoscopic investigations (bronchoscopy, gastroduodenoscopy)
21. Observing abdominal, cardiac and renal ultrasound
22. Urinary catheterisation
23. Gastric and duodenal intubation
24. Gastric lavage
25. Filling in a discharge summary for patients managed by a student
26. Writing out sick-leaves, referrals to commissions of experts, sanatorium cards .