

## EDUCATIONAL TRAINING PROGRAM



# Rector

N. Saribekyan

« 22 » 02 2015

Duration of Training	90 <i>hours</i>
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1.	Participation in a doctor's visits, collecting history, determining physical status, palpation, auscultation and measurement of vital signs. Medical history. Implement intravenous injection under control of Supervisor.	4
2.	Participation in a doctor's visits, measurement of blood pressure according to Korotkov. Performing vascular puncture to release blood. Blood test data interpretation.	4
3.	Visit to the Pulmonology Department with the doctor. Analysis of Spirography results, determination of lung volumes and capacities, and external breath indices from the spiral curve of spiograph	6

2015



## AIM AND OBJECTIVES OF THE EDUCATIONAL TRAININGS

### Aim:

The aim of the practice is to acquire clinical, auxiliary research methods and skills, and to strengthen knowledge on the treatment issues.

### The objectives are:

1. Getting acquainted the principles of therapeutic department;
2. Participation in Doctor's visits, and in collecting and analyzing anamnesis' data,
3. Analysis of laboratory and instrumental results,
4. Development of diagnostic and treatment plans;
5. Interpretation of Primary and Secondary Prevention of Diseases.

### At the end of the internship, a student must:

#### know:

- the definitions of diseases of blood circulation, respiratory, digestive, urogenital, blood-forming system, their basic etiological concepts, pathogenesis, clinic, diagnosis and treatment principles.

#### be able to:

- make a diagnosis based on the patient's clinical examination;
- plan researches and treatment tactics.

#### Master:

- objective and subjective survey methods of anamnesis, palpation, percussion and auscultation.

	Contents	Hours
1.	Examine the patient with a doctor, collecting anamnesis, determining consciousness palpation, percussion and auscultation. Filling patient's Medical history. Implement intravenous injection under control of Supervisor.	4
2.	Participation in a doctor's visits, measurement of blood pressure according to Korotkov. Performing vascular puncture to release blood. Blood test data interpretation.	4
3.	Visit to the Pulmonology Department with the doctor. Analysis of Spirography results, determination of lung volumes and capacities, and external breath indices from the spiral curve of spirograph.	6



4.	Visit to the Pulmonology Department with the doctor. Topographic and comparative percussion of lungs, determination of noise, noise distinction, interpretation of data analysis, pleural punctatum examination, discussion of contemporary treatments.	6
5.	Visit to the Cardiology Department with the doctor. Palpation of the heart and vessels, determination of the pituitary, heart relative and absolute borders, distinctive diagnostics of feasts and noises, pulse palpation, determination of vein pressure.	6
6.	Visit to the Cardiology Department with the doctor. ECG Interpretation: Determination of Rhythm and Arrhythmia. ECG, electrode installation on limbs, discussion of ECG tape.	6
7.	Visit to the Cardiology Department with the doctor. Use of cardiac functional methods, phonocardiogram, interval calculation, evaluation. Indirect massage of the heart and artificial respiration.	6
8.	Visit to the Cardiology Department with the doctor. Filling patient's Medical history. Discussion of modern treatment issues and appointments. Vascular puncture.	6
9.	Visit to the Cardiology Department with the doctor. Discussion of healthy food tables, electrolyte impairment, their treatment. Blood PH level, its evaluation in the conditions of acidosis and alkalosis. A complex of measures for withdrawal from cardiac asthma.	6
10.	Visit to the Rheumatology Department with the doctor. Analysis of the research peculiarities. Implementation of additional laboratory and instrumental researches. Discussion of modern treatment issues and appointments. Filling patient's Medical history and diaries. Visit to the Gastroenterology Department with the doctor. Patient's analysis. Palpation of abdomen, and deep palpation of Abdominal organs according to Obraztsov Strazhensko.	10
11.	Visit to the Gastroenterology Department with the doctor. Gastric and duodenal probe test, gastric juice collection and examination. Douche: its techniques, instructions and contraindications.	4
12.	Analysis of additional laboratory and instrumental examination of Gastroenterological Department patients.	2
13.	Visit to the Gastroenterology Department with the doctor. Performing additional instrumental researches (gastroscopy, colonoscopy, rectoscopy, PH-metric, paracentesis, ascitic fluid checking, computed tomography, X-ray).	4
14.	Visit to the Gastroenterology Department with the doctor. Filling patient's Medical history and diaries. Pathologic neoplasms. First aid for liver and diabetes mellitus. Discussion of healthy food tables, appointments.	4



15.	Visit to the Gastroenterology Department with the doctor. Visit to the Nephrology Department with the doctor. Peculiarities of examination of nephrology patients, subjective and objective methods. Interpretation of complete urinalysis, sedimentation (leukocytes, erythrocytes and salts crystals), determination of proteins and sugars in the urine, Zemnitsky's examination.	2
16.	Visit to the Nephrology Department with the doctor. Analysis of instrumental methods of examination (X-ray examination, sonography, urography, cystoscopy, kidney punch biopsy). Catheterization.	2
17.	Visit to the Nephrology Department with the doctor. Filling patient's Medical history and diaries. Discussion of modern treatment issues and appointments. Discussion of healthy food tables and appointments.	2
18.	Visit to the Hemodialysis Department with the doctor. Introduction of hemodialysis and plasmaphageal apparatus. Discussion of peculiarities of research and treatment of patients with periodic disease.	4
19.	Discussion on the peculiarities of research and treatment of hematological patients.	4
20.	Filling patient's Medical history and diaries.	2
Total		90

Specialty

091201.00.7, General Medicine

Subject

Assistant of Therapeutic Doctor

Department

General Medicine

year

IV

semester

VIII

Duration of Training

90 hours

2015