



«APPROVED»  
Rector of PHEE «Kyiv medical university»



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*[Signature]* 2018 р.

**CURRICULUM OF VOCATIONAL (PHYSICIAN) PRACTICE  
FOR 5-th YEAR STUDENTS OF MEDICAL FACULTY  
WHO CARRY OUT THE DUTIES  
OF THE DISTRICT PHYSICIAN  
(6,0 credits, 180 hours)**

Kyiv, 2018

Vocational practice program  
(medical) for the 5th year students of the 10th semester  
Medical Faculty  
who perform the duties of a GP (family doctor)  
(6.0 credits of ECTS, the number of hours are 180)

1.1. Basic organizational principles

Practice for students of the 5th year is carried out as an acting family physician therapist, pediatrician and surgeon in accordance with the program. The duration is 4 weeks (1 week in therapeutic, children's, surgical department of the polyclinic and women's clinic).

Practical work of the student consists of daily work in the clinic (7 hours and 12 minutes), medical care at home, and outpatient care.

1.2. Purpose and objectives of practice: Consolidation of knowledge and skills in practice, obtained during training (examination of the patient, diagnosis, treatment) further improvement of practical skills, familiarization with the conditions of work of a doctor in a polyclinic, strengthening of patient care skills.

1.3. PROGRAM CONTENT

1. The main duties and professional actions of the physician of the therapeutic department :

- Provision of emergency therapeutic care in a polyclinic;
- Work in the therapeutic room of the polyclinic;
- Work in the room of functional diagnostics;
- Work in the physiotherapy room;
- Work in specialized (cardiological, etc) rooms;
- Duty in the emergency room of the hospital;
- The application of the principles of ethics and deontology in the practice of a physician-therapist.

2. **The main duties and professional actions of the doctor of the surgical department of the polyclinic**
  - Clinical, laboratory-instrumental diagnostics and tactics of treatment of basic surgical diseases in outpatient conditions;
  - Work in the surgical room of the polyclinic;
  - Work in the traumatology room of the polyclinic;
  - Work in the urological room of the polyclinic;
  - Duty in the emergency room of the hospital or in the hospital admissions department;
  - The application of the principles of ethics and deontology in the practice of a surgeon in a polyclinic.
  
3. **Basic duties and professional skills of the pediatrician's district doctor :**
  - Principles of organization of medical care for children on an outpatient basis;
  - Clinical, laboratory-instrumental diagnostics and tactics of treatment of the basic children's diseases in outpatient basis;
  - Principles of organization of preventive maintenance of infectious diseases by means of vaccines in Ukraine;
  - System of dispensary observation of healthy and sick children;
  - The application of the principles of ethics and deontology in pediatrics.
  
4. **The main duties and professional actions of a doctor in women's clinic (in the antenatal clinic, maternity consulting centre):**
  - Principles of organization of medical care for women on an outpatient basis;
  - Clinical, laboratory-instrumental diagnostics and tactics of treatment of the most common gynecological diseases in the women's consultation center; patronage of pregnant and parturient women; prophylaxis and diagnostics of oncological diseases; diagnosis and provision of emergency medical care before hospitalization;
  - The application of the principles of ethics and deontology in gynecology.

**List of practical skills for the conclusive modular control**  
 from module 1 «The main duties and professional actions of the physician of the  
 therapeutic department»

	Practical skills	Scores
1	Conducting a survey and physical examination of patients with major diseases of internal organs.	2
2	Assessment of clinical, biochemical and immunological blood test., urine test.	2
3	Evaluation of such instrumental research methods : X-ray examination of the organs of the thorax, abdomen, joints; CT scan, electrocardiogram, echocardiography, ultrasound diagnostics of abdominal organs.	2
4	Substantiation and formulation of clinical diagnosis.	3
5	Interpretation of general principles of treatment, primary and secondary prevention in the main diseases of internal organs.	3
6	Emergency care in urgent conditions (states) in acute heart failure, hypertensive crisis, infringements of a warm rhythm, thromboembolism of a pulmonary artery, acute renal failure ets.	3

**List of practical skills for the conclusive modular control**  
 from module 2 «**The main duties and professional actions of the doctor of the surgical department of the polyclinic**»

	Practical skills	Scores
1	Features of examination of a surgical patient: a survey, a physical examination –examination of the patient, palpation, percussion, auscultation and rectal examination.	3
2	Assessment of clinical and biochemical blood test, urine test.	2
3	Analysis of instrumental studies (chest X-ray and abdominal cavity, aortography, ultrasound examination of the abdominal cavity organs, doppler ultrasonography of arteries and veins, CT, endoscopy) in surgical diseases.	2
4	Substantiation and formulation of a clinical diagnosis, differential diagnosis of surgical diseases.	3
5	Assisting in the room for dressing of wounds: abscess autopsy, primary surgical treatment of wounds, execution of dressings, performing pleural puncture, and puncture of the joints.	2
6	Emergency care for stab wounds, emergency care for spontaneous pneumothorax, for traumatic shock, emergency bleeding care, for phlebothrombosis, emergency care for injuries and fractures of bones.	3

**List of practical skills for the conclusive modular control**  
 from module 3 «Basic duties and professional skills of the pediatrician's district doctor»

	Practical skills	Scores
1	Examination of healthy and sick children.	2
2	Evaluation of clinical (general analysis of blood, urine, feces) and biochemical researches of patients (the presence of protein in the blood, acute phase parameters, urea and creatinine of the blood, electrolytes, glucose, bilirubin in blood, coagulogram, blood lipid profile), assessment of microbiological examination of biological fluids and secretions, polymerase chain reaction, general analysis of cerebrospinal fluid.	2
3	Evaluation of the results of instrumental research methods: chest and abdominal cavity X-ray, Joints, CT of central nervous system, electrocardiogram, echocardiography, ultrasound diagnostics of abdominal organs.	2
4	Knowing the timing of preventive vaccinations. Indications and contraindications for vaccination.	2
5	Substantiation and formulation of a clinical diagnosis;	3
6	Interpretation of general principles of treatment, primary and secondary prevention of major childhood diseases in outpatient settings.	2
7	Medical care for emergency conditions in children (convulsive and hyper thermic syndromes, collapsing, pulmonary edema, bronchospasm, asthmatic status, acute heart failure, infectious-toxic shock, acute renal failure, acute hepatic insufficiency, Quincke's edema, anaphylactic shock, hypoglycemic coma).	2

**List of practical skills for the final modular control**  
 from module 4 «**The main duties and professional actions of a doctor in**  
**women's clinic (antenatal clinic)**»

	Practical skills	Scores
1	Features of the survey and obstetric-gynecological examination (mirror, bimanual, rectal, rectovaginal).	2
2	Assessment of clinical and biochemical blood test, urine test.	1
3	Analysis of instrumental studies (colposcopy and colpocytology data, evaluation of the results of cytological, histological and bacteriological studies).	2
4	Evaluation of the results of ultrasound and X-ray studies of female genital organs.	2
5	Substantiation and formulation of a clinical diagnosis, carrying out differential diagnosis between acute gynecological and surgical diseases.	2
6	Preventive maintenance and diagnostics of oncological diseases, prevention of sexually transmitted diseases.	2
7	Patronage of pregnant and parturient women.	2
8	Provision of emergency medical care before hospitalization: uterine bleeding, rupture of an ovarian tumor.	2

The first deputy rector

Chief of practice department

Chief of law department



P. Sereda

G. Solonyuka

I. Rzaeva