

МИНИСТЕРСТВО ЗДРАВООХРАНЕНИЯ РЕСПУБЛИКИ БЕЛАРУСЬ
УЧРЕЖДЕНИЕ ОБРАЗОВАНИЯ
«ГОМЕЛЬСКИЙ ГОСУДАРСТВЕННЫЙ МЕДИЦИНСКИЙ УНИВЕРСИТЕТ»

Кафедра поликлинической терапии и общеврачебной практики
с курсом дерматовенерологии

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ПРОИЗВОДСТВЕННАЯ ВРАЧЕБНАЯ ПОЛИКЛИНИЧЕСКАЯ ПРАКТИКА

Учебно-методическое пособие
для студентов 4 курса факультета по подготовке специалистов
для зарубежных стран медицинских вузов

MEDICAL INDUSTRIAL THERAPEUTICAL PRACTICE

Teaching workbook
for 4th year students of the Faculty on preparation
of experts for foreign countries
of medical higher educational institutions

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В учебно-методическом пособии представлены содержание врачебной поликлинической практики, структура поликлинической производственной практики, перечень отчетной документации по практике.

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EXPLANATORY NOTE

Practical training as an assistant to the physician is mandatory for 4th year student of the medical faculty. Students have practical after the end of the 4th year, writes an exam on therapy and get credit on outpatient therapy. They work as an assistant therapist under the guidance and supervision of a teacher (head teacher of the practical, director of the polyclinic branch, the head of the therapeutic department and directly to the local therapist).

After the end of practice students take differentiated offset. All done work is documented.

PURPOSE OF MEDICAL polyclinic practice: Forming the basis of clinical thinking and medical ethics, obtaining new and consolidation of known theoretical knowledge on diagnosis and treatment of diseases of internal organs, the deepening and improvement of skills, the provision of emergency medical care in the prehospital, familiarization with the organization of therapeutic and preventive care, and conditions of work of the district practitioner (GP) in outpatient clinics.

1. MAIN TASKS POLYCLINIC INDUSTRIAL PRACTICE

1. Introduction to the organizational structure of the clinics, therapeutic section, Department of day care, prevention and rehabilitation departments.
2. The study of diagnosis and treatment of diseases of the internal organs in outpatient.
3. Learning to optimal choice of tactics examination of the patient, the form and amount of patient care and follow-up.
4. Development trends for independent productive activities and meaningful self-improvement
5. Deontological training (skills with patients of different ages, education, profession, social status in the fast moving of patients and short-time communication).
6. Further study of the clinical examination of the issues, primary and secondary prevention, rehabilitation of patients.
7. Improving the continuity of the treatment and monitoring of patients between hospital and clinics.
8. Introduction to the examination of the main provisions of temporary and permanent disability and the formation of its ability to identify.
9. Work with medical documentation (structure, function, filling, error correction).
10. Prescribing the main drugs used in the outpatient setting.

The curriculum of medical outpatient practice

Specialty	Semester	Number of weeks	Number of hours	Number of hours for independent work	Total hours	Form control
«Medicine»	8	4	144	72	216	Differentiated offset

2. SAMPLE ISSUE WORK PLAN

for outpatient medical manufacturing practice as an assistant district therapist, 4th year

№	Name of section	Workload	
		MAIN CLOCK	Additional hours
1.	Medical polyclinic practice as an assistant district therapist.	88 h 48 min	
1.1	Admission of patients (at least 150 patients) and performing home visits in conjunction with the local doctor (at least 20 visits) for practice.		
2.	Jobs in the department of prevention (in the absence of polyclinic department of prevention or rehabilitation department increased outpatient care to the appropriate number of hours.)	14 h 24 min	
3.	Work in a rehabilitation unit	14 h 24 min	
4.	Work in the Department of day care	14 h 24 min	
5.	Working with specialists (cardiology, rheumatology, endocrinology, infectious diseases, pulmonology, gastroenterology)	6 h	
6.	Working in specialized offices: functional diagnostics, physiotherapy and laboratory.	6 h	
7.	Filling the medical records: medical records outpatient, recording forms of follow-up, a sheet and a certificate of temporary incapacity, the direction of MREC, a reference to the sanatorium treatment, sanatorium card	In progress	
8.	Emergency care at: gastrointestinal bleeding, stroke, myocardial infarction, hypertensive crisis, an attack of asthma, cardiac asthma and pulmonary edema, anaphylactic shock.	In progress	
9.	Health education activities: reading 2 lectures on healthy lifestyle for patients visiting the clinic.	In progress	10
10.	Teaching and research.		36
11.	Keeping accounting documentation: blog (daily)		24
	summary report (at the end of the cycle)		2
Total: 216 hours including.		144 h	72h

3. CONTENTS OF MEDICAL POLYCLINIC PRACTICE

Medical polyclinic Manufacturing Practice 4th year students of the medical faculty and foreign students is conducted in accordance with the schedule of the educational process at the clinical bases of the University approved by the Ministry of Health of the Republic of Belarus (in outpatient facilities), according to the order of the rector of the university as an assistant to the local doctor.

Students work on the 5 working days of the week — 7 hours 12 minutes per day. The first shift from 08.00 to 15:42 (30 minutes lunch break), the second shift from 12.18 to 20.00 (30 minutes lunch break). The student has no right to change the base and the period of practice.

Upon arrival at the base of the practice the students provide the necessary documents to the head of Health Organization (head physician or the assistant on medical work), that its order directly appointed by the head of the practice (department head), and determines the place of practice each student (fixes for the local doctor).

A student must have: the direction of the practice (it can be made out to a group of students and issued by the headman of the group), a program of practice or training and guidelines, medical gown, removable shoes, stethoscope, «Summary Report ...» and «Diary of practice»

Students should be subject to the rules of the internal labor regulations of the organization of health care. Students are subject to the chief physician, head of department, supervisor manufacturing practices on the basis of, the teacher supervising the practice, as well as the group leader. Monitoring visits to the students practice and control of main working hours by the head of the practice of public health organizations, lecturer and the head of the study group.

For a gross violation of discipline and work rules the student may be suspended by the head of the supervising teacher from further practical training. The announcement of this is sent to the university to take action.

Monitor of group for a period of work experience is required to:

— Obtain the necessary reporting and documentation and methodical direction of the labor practices.

— To organize the timely arrival of all students on the practical base for its passage.

— To participate in drawing up the schedule of work for students on the bases of practice.

— Ensure discipline in the group and at the end of practice to monitor proper documentation («Summary Reports ...») signed by the chief physician or his deputy and the seal of a medical institution (practice base).

— In the absence of the student in the workplace leader of group is obliged to inform the immediate superior manufacturing practices on the base and the lecturer.

Student on practical training must:

— To attend the meeting course industrial practices conducted by the dean's office together with the head of the practice of the university and teachers of the department responsible for carrying out industrial practices.

— Actively and in good faith to fulfill the tasks assigned in the program for practice, develop practical skills.

— Governed by the internal labor regulations of medical institutions.

— Pass safety training and comply with safety regulations.

— Be responsible for the work.

— Keep a record of the work (filling in «Diary of practice», «Consolidated Report»).

— Provide a «Summary Report» on differentiated Ladder.

In the absence of accounting documentation to the student taking tests is not allowed.

Students who do not execute the program field trips, get negative characteristic or a failing grade on the practice, and will repeat the industrial Practice within the period prescribed the dean of faculty.

4. STRUCTURE OF POLYCLINIC INDUSTRIAL PRACTICE

1. Work as an assistant district therapist (14 days from them:
 - 1.1. 11 Days on 7 hours 12 minutes, 2 days on 4 hours 12 minutes, 1 day on 1 hour 12 minutes).
2. Work in the department of prevention (2 days. Total 14 hours 24 minutes).
3. Work in the department of rehabilitation (2 days. Total 14 hours 24 minutes).
4. Work in day stay (2 days. Total 14 hours 24 minutes).
5. Working with specialists (2 days on 3 hours. Total 6 hours).
6. Work in the office of functional diagnostics (1 day — 6 hours).
7. Filling the medical records in the process.
8. Extract and execution of recipes.
9. Emergency care in the process.
10. Sanitary and educational activities in the process.
11. Research work (on the instructions of the department).
12. Maintain the accounting documentation (daily diary; a full report at the end of the cycle).

4.1. Work as an assistant district therapist

The student is receiving patients and service calls. The first 1–2 days, he works together with the district physician, and then the work is done independently (under medical supervision). Just the day the student must take patients and perform 4-5 1-2 2-3 primary and active call.

During the reception of patients and patient care at home the student:

1. Improves the knowledge to collect complaints, medical history, conducting a survey of all systems (pulmonary, cardiovascular, digestive, urinary and nervous).
2. Sets diagnosis, prescribes treatment.
3. Decides on examination.
4. Defines the required and optional methods of examination of patients in outpatient settings.
5. Actively involved in the conduct of clinical examination of patients on the fixed portion.
6. Examine matters of temporary disability examination, participates in the MREC, learns to make out the direction to MREC.
7. Participates in the selection and direction of patients on the spa treatment.
8. Under the supervision of a physician providing first aid on the medical district.
9. Learning medical tactics and volume of therapeutic measures in urgent conditions.
10. Participates in conducting anti-epidemic and health education.
11. Conducts work on the formation of a healthy lifestyle among residents of the fixed portion (good nutrition, physical activity, fight against addictions).
12. The daily work uses and improves knowledge on psychotherapy, medical ethics and deontology.
13. Learning the orders governing the work of the local therapist.
14. Learn to properly execute accounting and reporting documentation of the territorial medical area: ambulatory patient card, a sheet registration visits and disease reports — the movement of dispensary patients, the effectiveness of the clinical examination, state temporal disability.
15. Mastered the technique of analysis of morbidity with temporal disability in the area.

4.2. Work in the department of prevention

1. The student takes part in the general medical examination.
2. Harness the work of the functional units of prevention Branch (anamnesic cabinet, the cabinet of functional studies examining room)
3. Participates in conducting preliminary and periodic professional examinations.
4. Participates in the promotion of healthy lifestyles.

4.3. Work in the department of rehabilitation

1. Familiar with the work of the doctor-rehabilitation specialist, drawing up an individual program of rehabilitation, evaluation of the effectiveness of rehabilitation.
2. Explore the possibility of physical therapy in the treatment of various diseases of internal organs.
3. Explore the possibility of the use of physiotherapy treatments in an outpatient setting.

4.4. Work in the department of day care

1. Get acquainted with the work of a physician in the Department of day care, with indications and contraindications for the direction to the day hospital.
2. Curation of patients, examination, treatment assignment.

5. HEALTH EDUCATION

Assignments to conduct health education students receive at the chair at the head of manufacturing practice prior to its start. During the practice the student should read at least one lecture or talk on the chosen topic.

To offset by manufacturing practices need to submit the text of lectures, discussions.

5.1. Sample list of subject health education

Texts of lectures (5–6 pages, on paper size A4 using literatures) and interviews (2–3 sheets using A4 size paper with the use of literatures) should be refereed by the teacher in charge of the department.

Topics of the lectures:

1. Risk factors for cardiovascular system.
2. Risk factors for respiratory diseases.
3. Risk factors for diseases of the gastrointestinal tract.
4. Risk factors for kidney disease.
5. Drug-free treatment of hypertension.
6. Drug-free treatment of renal disease.
7. Non-drug treatment of ischemic heart disease.
8. Phytotherapy of chronic obstructive bronchitis.
9. Prevention of complications of acute respiratory diseases.
10. Smoking is a risk factor for respiratory diseases, cardiovascular system, gastrointestinal tract.
11. Physical inactivity as a risk factor for diseases of the cardiovascular system; modes of physical activity in the coronary artery disease, hypertension, obesity.
12. Gastric ulcer and duodenal ulcer - risk factors, primary and secondary prevention.
13. Obesity is a risk factor for diseases of the cardiovascular system, the musculoskeletal system, gastrointestinal tract.
14. Emergency prevention of influenza.
15. Complications of tonsillitis.
16. Prevention of chronic non-infectious diseases.
17. Somatoform dysfunction of the autonomic nervous system: principles of treatment.
18. Chronic gastritis — risk factors, primary and secondary prevention.
19. Chronic cholecystitis — risk factors, prevention.
20. Prevention of functional biliary disorders.

Topics of conversations:

1. The dangers of smoking.
2. The harm of drinking alcohol.
3. Prevention of influenza and ARVI.
4. Prevention of complications of angina.
5. Prevention of AIDS.
6. Prevention of viral hepatitis.
7. Prophylaxis of kidney disease.
8. Prevention of COPD.
9. Prophylaxis of ischemic heart disease.
10. What you need to know about hypertension.
11. Types of prevention of hypertension
12. What you need to know about diabetes.
13. Complications of arterial hypertension.
14. Principles of dietary nutrition in diabetes mellitus.
15. Principles of dietary nutrition in arterial hypertension.
16. Principles of dietary nutrition in IHD.
17. Principles of dietary nutrition in chronic gastritis.
18. Principles of dietary nutrition in liver diseases.
19. Principles of non-drug treatment Gastroesophageal reflux disease
20. Principles of rational nutrition.

6. TEACHING AND RESEARCH WORK OF STUDENTS

An integral part of industrial practice is the teaching and research work of students, which is aimed at the development and deepening of knowledge on the topics under the program. Completing tasks for teaching and research work, future doctor not only sees deeper into the subject matter, but also acquires the skills of independent work with the scientific literature. The student develops the ability to analyze and compile the material develops clinical judgment. Targeted training and research and improve training, instilling students with research skills and contribute to their overall development and labor education. You must abide by the rules of registration of work. The work must be submitted in printed form on one side of A-4 size with half interval (font Times New Roman, font size 14). Decorated teaching and research should be mandatory sections:

The title page shall contain the name of the Ministry, the institution and faculty; the name of the theme; full name of the student.

Contents — Index headings, it includes all areas of research. The content headings must exactly match headings with putting the text page number is printed on the header in the text.

Introduction — This part contains the study relevance of the research topic, the main characteristics of the work.

Objective: This is the final result to be obtained eventually research.

The main part of scientific work: submitted to the examination of different aspects of the research topic. The chapter seems to resume the study of the current state of the problem. It should be reflected held financially — methodological research: clinical, instrumental and laboratory.

The heads of their own research (research department)

Specifies the base of the study, contingent, isolated groups, including the control. The list of methods used.

Section illustrates the necessary number of figures, tables, charts, graphs. Each table should have a title, which is placed below the word «Table».

Conclusion

It contained the results of the work. This design of the theoretical development of the subject material and their own research into a coherent whole.

Conclusions

The most important conclusions reached by the author, is indicated their practical importance, the possibility of introducing performance and future prospects of the research topics.

References: The list includes mentioned or cited in the literature.

Materials Teaching and research work presented as abstracts at the Department of outpatient therapy and general medical practice with courses of dermatology to date standings differentiated for 5 days.

6.1. Sample list of subject teaching research work of students

Teaching and research work issued in abstract form, materials research is conducted according to generally accepted standards of writing, teaching and research. Results of teaching and research work signed by the head of the department and responsible university professor.

Targets for research:

1. The analysis of the clinical course, diagnostic methods (laboratory and instrumental), the principles of treatment of patients with cardiovascular diseases in the outpatient setting.

2. The prevalence of risk factors for cardiovascular disease in the outpatient setting.

3. Evaluating the effectiveness of clinical examination of patients with arterial hypertension in the territorial medical district.

4. Analysis of the clinical course, diagnostic methods (laboratory and instrumental), the principles of treatment of patients with peptic ulcer disease in outpatient conditions.

5. Analysis of the clinical course, diagnostic methods (laboratory and instrumental), the principles of treatment of patients with COPD patients in outpatient conditions.

6. Analysis of the clinical course, diagnostic methods (laboratory and instrumental), the principles of treatment of patients with chronic gastritis in outpatient conditions.

7. Analysis of the clinical course, diagnostic methods (laboratory and instrumental), the principles of treatment of patients with coronary heart disease in an outpatient setting.

8. The prevalence of risk factors for diseases of the genitourinary system in an outpatient setting.

9. The analysis of the clinical course, diagnostic methods (laboratory and instrumental), the principles of treatment of patients with chronic glomerulonephritis patients in the medical district.

10. The prevalence of risk factors for lung disease in the medical district.

11. The prevalence of risk factors for the development of diseases of the digestive system in the territorial medical unit.

12. Evaluation of the effectiveness of clinical examination of patients with chronic pancreatitis.

13. Evaluation of the effectiveness of clinical examination of patients with bronchial asthma on the territorial medical station.

14. Evaluation of the effectiveness of clinical examination of patients with diabetes mellitus.

15. Analysis of the structure of diseases by nosology in the territorial medical unit.

7. LIST OF PRACTICAL SKILLS

The student should know:

1. Fundamentals of general therapeutic disciplines to the extent necessary for the diagnosis and treatment of diseases in major therapeutic outpatient basis.

2. The district-based health services.

3. Groups of persons subjected to clinical examination and its procedure.

4. Principles of rehabilitation of patients and disabled people on an outpatient basis.

5. The possibility of using physical factors, physical therapy in a complex treatment and rehabilitation, principles of medical diagnostic equipment.

6. Indications for hospitalization of patients referred for outpatient monitoring, treatment at home.

7. Indications and contraindications for sanatorium treatment of patients.

8. How the department (office) prevention works.

9. The procedure for conducting preliminary and periodic medical examinations.

10. The relationship and continuity in the work of health care institutions.

The student should be able to:

1. Perform a general examination of the patient (complaints, anamnesis, objective research, thermometry, measurement of blood pressure).

2. Assign a plan of inspection for patient in an outpatient setting.

3. To evaluate the results of laboratory and instrumental methods of research.
4. Independently put a full clinical diagnosis of internal diseases occurring in both typical and atypical shape, with its rationale, and the differential diagnosis, formulate a diagnosis according to current classifications.
5. Prescribe essential drugs used in outpatient settings.
6. Provide emergency care before hospitalization for various urgent conditions.
7. Assign the treatment of patients on an outpatient basis.
8. Carry out a routine inspection of the population and follow-up.
9. Observe the basics of medical ethics and deontology; when talking with patients, their relatives and medical personnel.
10. The right to issue recording and reporting local therapist, analyze and report on temporary disability, rehabilitation of patients, dispensary movement groups and the effectiveness of prophylactic medical examination.
11. To organize and conduct health education in the area.

8. REPORTING AND DOCUMENTATION FOR PRACTICE SUMMARY OF PRACTICE

All student work must be recorded in a daily diary, which is signed by the head of the practice (head of the department), and is controlled by the head-teacher of the practice of the department.

Diary of the establishment of the sample is made in the student's notebook or A4 format and consists of the following sections:

- brief characteristic of the Health Organization (base practices) and branches in which students work;
- daily records of the nature and extent of the work performed, which reflects everything that the student did on his/her own and watched;
- health education.

It is mandatory to fill in the end of each cycle of practice summary report on the practical training that follows the daily work of the student, as reflected in the diary.

Direct Leader of the Health Organization (head of the department in the clinic, which has been designated for the student) in writing characterizes the student in the «Summary Report», assured the «Summary Report» blog practices and characteristics of their signature and the personal seal. Then the «summary report» shall be signed by the student's principal doctor or his deputy and the seal of the organization of health care. Reports are stored in students practice until the end of all kinds of industrial practice, and then practice shall be the head of the university.

After the end of practice students take differentiated offset commission appointed by the rector of the university. Set-off is a form of verification of successful passage of an industrial practice of students in accordance with the approved program. **In assessing the practice also takes into account the educational, research and health education student.**

*The form of the diary of medical outpatient
Industrial Practice
(On a sheet of paper of A-4 size)*

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS

**ESTABLISHMENT OF EDUCATION
«GOMEL STATE MEDICAL UNIVERSITY»**

**Department of outpatient therapy and general medical practice
with course of dermatology**

**A DIARY
IN MEDICAL POLYCLINIC INDUSTRIAL PRACTICE**

STUDENT GROUP _____ IV year Faculty of training for foreign countries

SURNAME

NAME

TIME of practical training

with «_____» _____ 20____

on «_____» _____ 20____

LOCATION of practical training

Country, Year

1. Work as an assistant GP

14 days from them:

11 Days on 7 hours 12 minutes, 2 days on 4 hours 12 minutes, 1 day on 1 hour 12 minutes.

Date and time	The content of the work	Notes. Signature head practice
01.07 8.00–9.00	I was present at the weekly production meeting of the 1st therapeutic department clinic	
9.00–13.00	I conducted outpatient appointment as an assistant district therapist 1st territorial area clinics. All received 10 patients, of whom 6 people on the disease (primary patients — 3, re 3); 4th patients underwent preventive examinations, 2 of them dispensary patients (should indicate passport data, objective status, diagnosis, and therapeutic and diagnostic appointment of primary patients, to examine their ability to work; when handling patients with recurrent Entries should indicate the dynamics of the disease, the necessary. Correction treatment measures, to determine the additional diagnostic measures).	
13.00–13.30	Decorated direction to MREC patient KS Ivanov, born in 1960 Diagnosis: micronodular alcoholic cirrhosis of the liver, aggravation, expressed activity, decompensated liver failure and portal hypertension, rapidly progressing over. Class of gravity «C».	
13.30–15.42	Cater for 2 calls at home, performed 2 active visit (inspected at the same time, patients are described similarly taken during outpatient admission). Has written 10 recipes (to give a few specific examples), has issued a sheet of BH issued a direction on analyzes (indicate the number and name of the laboratory tests). I conducted interviews with patients about the dangers of smoking.	

2. Work in the department of prevention

(2 days to 7 hours 12 minutes)

Date and time	The content of the work	Notes. Signature head practice
19.07. 8.00–10.00	I became acquainted with the basic functional units of prevention department (please specify) documents governing the conduct of general clinical examination, preliminary and periodic medical examinations available in the medical records department.	
10.00–12.00	Held preventive examinations: preliminary — 6 people, 2 of them coming in the vocational school, 4 re-enter the work in hazardous conditions of production; preventive — 4 patients. Appointed the following examinations: ECG — 10 people photoroentgenography — 8 persons, biochemical blood — 6 people, EGD — 2 persons, etc.). Decorated medical records, referrals, references to the vocational school.	
12.30–15.00	I accept the patients in the study receiving first-aid. Measured the blood pressure of 10 patients; 5 patients took an electrocardiogram, gave an opinion on the ECG 3 patients (it is necessary to describe the results of an ECG study of several patients)	
15.00–15.42	I read the health education lecture «Diet therapy in diseases of the gastrointestinal tract».	

3. Work in a rehabilitation unit

(2 days to 7 hours 12 minutes)

Date and time	The content of the work	Notes. Signature head practice
21.07. 8.00–10.00	I became acquainted with the basic functional units of the rehabilitation documents regulating the work of doctors: in rehabilitation, physical therapy, doctor's day hospital, as well as basic medical documentation department — checklist visits, individual rehabilitation program.	
10.00–15.42	I received patients as an assistant of the doctor — a rehabilitation: 5 patients examined, identified each individual rehabilitation program (to be specified give passport data of patients and their diagnoses, as well as the main stages of their rehabilitation)	

4. Work in the day care unit

(2 days to 7 hours 12 minutes)

23.07. 8.00–15.42	Took 6 patients as a physician's assistant day hospital, of which 4 are newly admitted patients. Patients are examined, they decorated cards patient day hospital (indicate passport data, diagnosis, prescribed treatment and diagnostic procedures)	
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5. The form of the report on teaching and research:

Name of topic work

Short abstract (volume of work, the main conclusions of practical importance)

The results reported to the (doctors' offices, clinics, hospitals, student conferences, etc.)

Evaluation _____

Signature of the Head of practice _____

Note: Task of research work for students is to get work experience before a teacher supervising the department responsible for its implementation.

The report on the work done is represented in abstract form and passed to the teacher of the department for 5 days prior to the date of differentiated credit for industrial practice.

6. Health education student

The date of the	The name of the lecture, conversation	Number of participants	Brief review immediate supervisor practice	Signature
2.07	Lectures on healthy lifestyle	10 people		
18.07	Talk about risk factors for cardiovascular disease	5 people		

Note:

1. Task to conduct health education students received at the department are responsible to the teacher before starting the practice.
2. During the practice the student should read at least one lecture and 2 interviews.
3. The texts of lectures and discussions have to be referred by the teacher in charge of the department.
4. At the end of practice texts of lectures and discussions must be submitted to the department a few days before the date of differentiated credit for practices.

**ACCOUNTING NORMATIVE FOR THE MEDICAL PROGRAM
POLYCLINIC INDUSTRIAL PRACTICE FOR
SPECIALTIES 1-79 01 01 «HEALING CASE»**

Type of practical training	Standard	Done		Level of preparation
		Total	Independently	
Medical-polyclinic				
1. Reception of patients in a polyclinic	150	150	75	2
2. Registration of the basic medical documentation				
Form 025 / y-07 — medical outpatient card	100	100	75	3
Form 131 / y-D — dispensary observation account card	50	50	35	3
3. Measurement of blood pressure	100	100	100	3
4. Taking smears from the pharynx and nose	2	2	2	3
5. ECG registration	10	10	10	3
6. ECG decoding	10	10	5	2
7. Participation in X-ray examination	5	5	-	1
8. Participation in the conduct of physiotherapeutic procedures	10	10	-	1
9. Sanitary education: conversations / lectures	4/2	4/2	4/2	3

Note: levels of mastering.

1. To know the students' theoretical,
2. To fulfill the student together with the doctor, to know theoretically, to evaluate.
3. The student must perform independently.

REPORT ON MEDICAL POLYCLINIC INDUSTRIAL PRACTICE STUDENT

IV course _____ group, working in _____

Name types of work	The amount of work done
Ambulatory receptions, examination of patients	
Cater for home visits	
Filling the medical records of outpatient prescriptions	
Measuring blood pressure	
Decorated directions to the hospital, in the diagnostic rooms, adjacent to the experts	
Making destinations on the spa treatment	
A duty of emergency	
Preparation and execution of individual rehabilitation programs	
Carrying out preventive examinations, examination of people	
A dispensary examinations	
Participation in the weekly production meetings in the department	
Participation in medical conferences	
Preventive work: — To give a lecture — Interviewed	

Student's signature

Signature of the Head

REVIEW FOR LEADERS IN INDUSTRIAL PRACTICE

Signature head physician

Signature of immediate supervisor for practices

Signature of the head-teacher of practices

Stamp
Institutions

« ___ » _____ 20__.

Note:

The response should reflect the following indicators of student work during the practical training:

- the level of theoretical training;
- mastering of practical skills;
- knowledge of the formulated most commonly used drugs;
- execution of the foundations of ethics (the authority of students among patients, the relationship of the student with the patients, their relatives and staff);
- perform tasks for RESEARCH WORK and health education

Suggestions for further improvement in the level of preparation of students for practice

Students who do not execute the program field trips, get negative characteristic or a failing grade on the practice, and will repeat the Industrial Practice within the period prescribed by the dean of faculty.

1. EVALUATION CRITERIA OF STUDENTS' KNOWLEDGE DURING THE INDUSTRIAL PRACTICE

The level of knowledge of students is by the following grades: «10 points», «9 points», «8 points», «7 points», «6 points», «5 points», «4 points», «3 points», «2 points», «1 point».

Evaluation «10 points — ten» to the students, who showed systematic, profound and comprehensive knowledge in all areas of the curriculum of medical clinical work experience, as well as on the major issues facing abroad; exact use of specific terminology, stylistically competent, logically correct statement of response to questions; expressed the ability to independently and creatively solve complex problems in a precarious situation; complete and in-depth understanding of basic and additional literature for examination and treatment of patients, medical records; ability to navigate in the theories, concepts and directions on the fundamentals of etiopathogenesis urgent conditions at diseases of internal organs and give them a critical evaluation; properly designed blog manufacturing practice fully completed assignments on RESEARCH WORK and health education, received an excellent response and who had no comments from supervisors.

Evaluation «9 points — nine» to the students, who showed deep systematic and comprehensive knowledge in all areas of the curriculum, the use of special terminology, stylistically competent, logically correct statement of response to questions; complete assimilation of basic and additional literature for examination and treatment of patients, medical records; ability to navigate the basic concepts and theories directions on the fundamentals of etiopathogenesis urgent conditions at diseases of the internal organs; He carried out a program of practice, but admitted inaccuracy when you make a diary for industrial practices.

Evaluation «8 points — eight» to the students, who showed systematic, comprehensive knowledge, but all the issues raised in the volume of the curriculum; the use of special terminology, stylistically competent, logically correct statement of response to questions; mastering basic and some additional literature on the evaluation and treatment of patients, medical records; ability to navigate the major theories, concepts and directions on the fundamentals of etiopathogenesis urgent conditions at diseases of the internal organs, but the answer has single inconsequential error, showed no activity in the acquisition of practical skills and performing tasks on research work and health education, had no comments from the head.

Evaluation «7 points — seven» to the students, who showed systematic and comprehensive knowledge in all areas of the curriculum; sufficient use of special terminology, logical presentation of the correct answer to the question, the ability to make informed judgments; Only mastering the basic literature on the evaluation and treatment of patients, medical records; ability to navigate the basic theories, concepts and directions on the fundamentals of etiopathogenesis urgent conditions at diseases of the internal organs, but the answer allows a unit error, showed no activity in the acquisition of practical skills, performing tasks on research work and health education had no comments from the head.

Evaluation «6 points — six» to the students who seem to have rather complete knowledge of all areas of the curriculum; partial use of special terminology and logically correct statement of response to questions, the ability to make informed judgments; mastering the basic literature on the evaluation and treatment of patients, medical records; but the answer allows a unit error, showed no activity in the acquisition of practical skills, performing tasks on research work and health education, had a negative comment from the head of the practice.

Evaluation «5 points — five» to the students who seem to have rather complete knowledge of all areas of the curriculum; Only mastering the basic literature on the evaluation and treatment of patients, medical records; answering allowed more significant errors, run the practice, but made a number of significant errors and inaccuracy when you make a diary for industrial practices and medical records, formally attributable to the acquisition of practical skills and fulfill tasks on research work and health education, I had numerous comments from the head of the practice .

Evaluation «4 points — four» to the students who showed sufficient knowledge within the educational standard; Only mastering the basic literature on the evaluation and treatment of patients, medical records, ability to deal with teacher-led standard (typical) tasks; answering allows significant errors in the presentation of the material and findings, made a lot of mistakes when you make a diary for industrial practices, has not fulfilled the task for research work and health education, had numerous comments from supervisors.

Evaluation «3 points — three is not passed» to the students, who showed insufficient knowledge within the educational standard; only the knowledge of the literature on the evaluation and management of patients, management of

medical records; exposition to answer the question with significant linguistic and logical errors, are not fully complied with the program practices; made a lot of mistakes when you make a diary for industrial practices did not fulfill assignments research work and health educators who received negative characterization of the immediate supervisor of practice.

Evaluation «2 points — the two are not credited» to the students who showed only a fragmentary knowledge within the educational standard; knowledge of the individual only to those of the main sources for examination and treatment of patients, medical records; the inability to use a special terminology, the presence of the response of gross logical errors; failed to comply with a program of practice, do not carry out the task of research work and health education, received a negative opinion about the work.

Evaluation «1 point — one is not passed» to the students, who showed a lack of knowledge and competences within the educational standard or refuse to answer.

10. CHECKLIST

By differentiated credit

1. The principle of the organization of outpatient therapeutic care in the Republic of Belarus, the work of the city polyclinic and local therapist.
2. The content of the work, the rights and obligations of the local therapist.
3. The procedure and the indications for hospitalization medical patients in hospital for consultation.
4. Indications for referral to the day care center of a polyclinic and the organization of a hospital at home.
5. Organization of the department of prevention.
6. Organization of the day hospital.
7. Medical care at home.
8. The concept of dispensary. Essence. Goals. Tasks. Method of medical examination.
9. Groups of dispensary observation.
10. The concept of prevention. Types of prevention.
11. Types of medical examinations. Their tasks.
12. Prevention of acute respiratory infections.
13. Prevention of COPD.
14. Prevention of arterial hypertension.
15. Prophylaxis of ischemic heart disease.
16. Prophylaxis of kidney diseases (chronic pyelonephritis, chronic glomerulonephritis).
17. Prevention of diseases of the gastroduodenal zone (gastroduodenal ulcer, chronic gastritis).

18. Prevention of diseases of the hepatobiliary system (chronic hepatitis, chronic pancreatitis, chronic cholecystitis).
19. Types of disability. Documents proving temporary incapacity for work (leaflet and certificate of temporary incapacity for work), their functions.
20. General rules for the issuance and renewal of a certificate of incapacity for work and a certificate in a health care institution.
21. Composition and functions of the Medical Advisory Commission.
22. Permanent disability, disability groups.
23. Structure and functions of the Medical Rehabilitation Expert Commission. Indication and the order of referral of patients to MEDN.
24. The concept of rehabilitation. Types of medical rehabilitation.
25. Emergency care for an attack of asthma and developing asthmatic status in outpatient settings
26. Diagnosis, tactics and emergency care in acute coronary syndrome in outpatient settings.
27. Diagnosis, tactics and emergency care for paroxysmal rhythm disturbances (supraventricular and ventricular tachycardia, atrial fibrillation) in outpatient settings.
28. Diagnostics, tactics and emergency care in case of an attack of Morgagni-Edams-Stokes in outpatient conditions.
29. Emergency care for hypertensive crisis on an outpatient basis.
30. Diagnosis, tactics and emergency care for pulmonary edema in outpatient settings.
31. Diagnostics, tactics and emergency care in an «acute» abdomen in outpatient settings.
32. Diagnosis, tactics and emergency care for gastrointestinal hemorrhage in outpatient settings.
33. Diagnosis, tactics and provision of emergency care for renal colic in outpatient settings.
34. Diagnosis, tactics and emergency care for hepatic colic in outpatient settings.
35. Emergency care for swelling of Quincke, anaphylactic shock in the outpatient setting.
36. Diagnosis, tactics and emergency care for hyperthermic febrile response in outpatient settings.
37. Diagnosis, tactics and emergency care in case of short-term loss of consciousness in outpatient settings.
38. Plan for examination and treatment of patients with acute respiratory viral infection in outpatient settings.
39. Plan for examination and treatment of patients with acute tonsillitis on an outpatient basis.
40. Plan for examination and treatment of patients with pneumonia on an outpatient basis.

41. Plan for examination and treatment of patients with acute bronchitis on an outpatient basis.
42. Plan for examination and treatment of patients with arterial hypertension in outpatient settings.
43. Plan for examination and treatment of patients with angina in ambulatory conditions.
44. Plan for examination and treatment of patients with chronic gastritis in outpatient settings.
45. Plan for examination and treatment of patients with gastroduodenal ulcer in outpatient settings.
46. Plan for examination of patients with functional dyspepsia in outpatient settings.
47. Plan for examination and treatment of patients with chronic hepatitis in outpatient settings.
48. Plan for examination and treatment of patients with pyelonephritis in outpatient settings.
49. Plan for examination and treatment of patients with glomerulonephritis in outpatient settings.
50. Plan for examination and treatment of patients with chronic pancreatitis in outpatient settings.
51. Plan for examination and treatment of patients with chronic cholecystitis in outpatient settings.
52. Clinical examination of patients with bronchopulmonary pathology (COPD, bronchial asthma).
53. Clinical examination of patients with diseases of the cardiovascular system (arterial hypertension, stress angina).
54. Clinical examination of patients with kidney disease (chronic pyelonephritis, chronic glomerulonephritis).
55. Clinical examination of patients with diseases of the gastroduodenal zone (chronic atrophic gastritis, gastroduodenal ulcer).
56. Clinical examination of patients with chronic hepatitis.
57. Clinical examination of patients with chronic pancreatitis.

11. List of recipes that need to be able to write 4th year students

1. **Amoxicillin**: Table.
2. **Amoxicillin / clavulanate**: tab., The powder for injection.
3. **Cefazolin**: powder for injection.
4. **Cephalexin**: Table.
5. **Cefuroxime**: tab., The powder for injection.
6. **Ceftriaxone**: powder for injection.
7. **Efotaxime**: Powder for Injection.
8. **Iprofloxacin**: Table.
9. **Orfloxacin**: Table.
10. **Levofloxacin**: caps.
11. **Moxifloxacin**: Table.
12. **Erythromycin**: Table.
13. **Clarithromycin**: Table.
14. **Azithromycin**: caps.
15. **Midecamycin**: Table.
16. **Doxycycline**: caps.
17. **Co-trimoxazole**: Table.
18. **Oseltamivir**: caps.
19. **Diclofenac**: Table, solution for injection.
20. **Aceclofenac**: Table.
21. **Nimesulide**: Table, powder inside
22. **Ibuprofen**: Table.
23. **Meloxicam**: Table, solution for injection.
24. **Aspirin**: Table.
25. **Analgin**: injection
26. **Cetorolac**: tab., Injection
27. **Drotaverine hydrochloride**: tab., Injection
28. **Papaverine**: tab., Injection
29. **Acetylcysteine**: Table., The powder inside, the solution for inhalation.
30. **Ambroxol**: Table.
31. **Diphenhydramine**: injection.
32. **Chloropyramine**: injection.
33. **Loratadine**: Table.
34. **Eufillin**: Table, injection and intravenous administration.
35. **Teotard**: Table.
36. **Fluticasone + salmeterol**: inhalation aerosol, powder for inhalation.
37. **FEnoterol**: spray and solution for inhalation.
38. **Salbutamol**: aerosol and solution for inhalation.
39. **Tiotropium bromide**: caps. inhalation.
40. **Ipratropium bromide**: spray ,solution for inhalation.
41. **Ipratropium bromide + fenoterol**: spray and solution for inhalation.
42. **Montelukast**: Table.
43. **Prednisolone**: Table. and a solution for injection, intravenous.
44. **Methylprednisolone**: Table.
45. **Hydrochlorothiazide**: Table.
46. **Indapamide**: Table.
47. **Furosemide**: tab., Injection
48. **Spiro lactone**: Table.
49. **Atorvastatin**: Table.
50. **Rosuvastatin**: Table.
51. **Nitroglycerin**: caps., Intravenous solution
52. **Isosorbide dinitrate**: Table, caps., Intravenous solution
53. **Isosorbide mononitrate**: Table.
54. **Molsidomine**: Table.
55. **Heparin**: bottles
56. **Enoxaparin**: injection syringe
57. **Warfarin**: Table.
58. **Trimetazidine**: Table.
59. **Metoprolol**: Table.
60. **Carvedilol**: Table.
61. **Bisoprolol**: Table.
62. **Sotalal**: Table.
63. **Amlodipine**: Table.
64. **Nifedipine**: Table.
65. **Erapamil**: Table.
66. **Diltiazem**: Table.
67. **Captopril**: Table.
68. **Enalapril**: Table.
69. **Lisinopril**: Table.
70. **Ramipril**: Table.
71. **Perindopril**: Table.
72. **Losartan**: Table.
73. **Clonidine**: tab., Injection
74. **Moxonidine**: Table.
75. **Ivabradine**: Table.
76. **Dibazol**: injection
77. **Amiodarone**: tab., Injection
78. **Novokainamid**: injection
79. **Ursodeoxycholic acid**: caps.
80. **Ademetionine**: Table, powder for injection.
81. **Essential phospholipids**: caps.
82. **Pancreatin**: tab., Caps.
83. **Omeprazole**: caps.
84. **Pantoprazole**: Table.
85. **Famotidine**: Table.
86. **Metronidazole**: Table.
87. **Bismuth dicitratobismuthate**: Table.
88. **Mebeverina hydrochloride**: caps.

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(на английском языке)**

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для зарубежных стран медицинских вузов**

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