

THE PROGRAM OF MEDICAL ON-THE-JOB-INTERNSHIP
OF THE 4TH-YEAR STUDENTS OF THE 8TH SEMESTER OF THE DENTAL
FACULTY, WHO PERFORMS DUTIES AS DENTIST
IN THERAPEUTIC DENTISTRY

1. BASIC ORGANIZATIONAL PRINCIPLES

The program of the on-the-job internship for the 4rd-year students of the 8th semester of the Faculty of Dentistry is carried out under the following regulations for higher medical educational institutions of Ukraine and the curriculum in the scope of professional duties of a physician. The practice lasts 2 weeks in the therapeutic department of the dental clinic. Assessment of success during the on-the-job internship of students is a rating and is set by the credit-transfer system with a differentiated assessment. Students who have fully completed the study program for the 4rd year of study are allowed to work with patients.

2. PURPOSE AND TASKS OF THE INTERNSHIP

Consolidation of knowledge and skills at the internship obtained during the study of basic clinical and theoretical disciplines (examination of the patient, clinical diagnosis, treatment) and further deepening and improvement of practical skills, acquaintance with the organization of medical business and working conditions of dentists, as well as consolidation skills of sanitary-educational work.

3. DURING THE INTERNSHIP OF THERAPEUTIC DENTISTRY, STUDENTS

3.1 MUST:

- determine the content of the organization of the therapeutic dental department;
- adhere to the medical-protective and sanitary-hygienic regime therapeutic dental department of the clinic;
- apply the basic principles of asepsis, antiseptics;
- demonstrate the ability to keep accounting records in dentistry;
- examination of a dental patient;
- interpret the results of examination of a patient with odontopathology and periodontal tissue pathology;
- analyze the clinical manifestations of dental diseases;
- identify the leading syndromes and symptoms in therapeutic dentistry;
- determine the scope of preventive measures to prevent the prevalence and complexity of diseases;
- determine the principles of providing emergency care to patients in a dental clinic;
- application of the principles of ethics and deontology in the practice of a dentist;
- apply measures and methods of primary and secondary prevention of the most common dental diseases;
- demonstrate the skills of sanitary-educational work during the reception of dental patients.

3.2 LIST OF SKILLS AND PRACTICAL EXPERIENCE

1. Prepare the dental unit, workplace, dental tools, and equipment for the work of a dentist at a therapeutic reception. Know the rules of safety when working in the dental office.
2. Be able to provide emergency care in case of emergency to patients at the dentist's office. Be able to carry out a dissection (розтин) of a periodontal abscess.

3. Demonstrate the skills of conducting a clinical examination of a patient with periodontal tissue pathology and the ability to fill out an outpatient card and periodontogram.
4. Demonstrate the ability to conduct hygienic, gingival, and periodontal indices. Carry out a qualitative and quantitative assessment.
5. Demonstrate the skills of conducting additional methods of examination of patients - samples V.I. Kulazhenko, rinsing according to M. Yasinovsky, rheoparodontograms.
6. Be able to analyze radiographs of teeth, periodontal tissues.
7. Demonstrate skills of interpretation of results of laboratory, biochemical, cytological, microbiological, immunological methods of examination of patients with pathology of periodontal tissues.
8. To remove dental plaque from patients in the clinic of therapeutic dentistry.
9. Perform selective grinding and measurement of the occlusal surface of the teeth of periodontal patients.
10. Carry out irrigation, instillation, and application of drugs to patients with periodontal pathology.
11. Perform curettage of periodontal pockets for patients with periodontal disease.
12. Demonstrate the skills of applying non-hardening and hardening bandages in the treatment of periodontal disease.
13. To prescribe general therapy to patients with periodontal tissue pathology, taking into account dental and somatic status. Demonstrate prescribing.
14. Prescribe physiotherapy treatment according to the indications. Filling in the accounting documentation.
15. Demonstrate the ability to conduct diathermocoagulation, interdental electrophoresis in the clinic of therapeutic dentistry.
16. Be able to conduct vacuum massage, vacuum therapy for patients with periodontal tissue pathology.
17. Demonstrate the technique of professional oral hygiene.
18. To determine the tactics of examination of patients subject to dispensary supervision and to prescribe preventive measures.
19. Select oral hygiene products depending on the dental and somatic status of patients in the clinic of therapeutic dentistry.
20. Demonstrate means and methods of sanitary-educational work. Conduct conversations, lectures for patients.

EDUCATIONAL AND RESEARCH WORK OF STUDENTS (ERWS)

During the on-the-job internship students conduct educational and research work, using the knowledge gained at the Medical University, and the results of research, obtained during the on-the-job internship, work with methodological literature.

ERWS can be carried out in the form of preparation of abstracts, individual tasks, inclusion in work of elements of experimental research, reports or messages at scientific and practical conferences in hospitals, with drawing up of tables, schemes, diagrams, stands-lectures.

THE TITLE PAGE OF THE DIARY

Name of the University: PHEE “KYIV MEDICAL UNIVERSITY”
Name of the Department _____

THE DIARY

of on-the-job internship _____
(name of the internship)
of student

Surname _____

Name _____

Faculty _____

Course _____

Group _____

Direct Supervisor (from the base)

Chief Supervisor (from the base)

(signature)

Seal

EXAMPLE

THE LIST
of practical skills and tasks for the on-the-job internship
in therapeutic dentistry

№	List of practical skills	Number of skills	Done	Score in points
1	Number of workdays			
2	Admitted patients			
3	Of these: primary			
4	Caries treatment (whole teeth)			
5	Including remineralization of hard tissues			
7	Treatment of pulpitis (whole teeth)			
8	- surgical method (amputation, extirpation):			
9	- with preservation of pulp			
10	- including under anesthesia			
11	Treatment of periodontitis			
12	including the first visit			
13	Root canal treatment (total)			
14	- "Step Beck" method			
15	- the method of "Crown down" technique			
16	Root canal filling (total)			
17	- method of one cone (central pin)			
18	- by the method of cold lateral condensation			
19	- in other ways			
20	Sealed teeth (total fillings)			
21	- cement (silicophosphate, glass ionomer cement)			
22	- composite materials			
23	- other filling materials			
24	Treatment of patients with periodontal disease			
25	- with papillitis, gingivitis			
26	- with periodontitis			
27	Determination of the hygiene index			
28	Determination of the gingival Index			
29	Determination of periodontal index by Russell			
30	Applying medical bandages			
31	Conducting irrigations, applications, instillations			
32	Conducting closed curettage			
33	Physical methods in the diagnosis and treatment of diseases in therapeutic dentistry			
34	- non-carious lesions, caries and its complications			
35	- periodontal tissue diseases			
36	Sanitized patients			
37	Produced Conditional unit of labor intensity (CULI)			
38	Sanitary and educational work, including			
39	- conversations were held			

THE CHARACTERISTIC

Student _____ group _____ course _____
(Full Name)

IMMEDIATE SUPERVISOR

(Signature) (Name, Surname)

THE CHIEF OF PRACTICE

Seal

(Signature) (Name, Surname)

NOTE: While writing a characteristic, the following metrics should be displayed: a level of theoretical training, a mastery of practical indicators (skills), a knowledge of recipes, an adherence to the basics of deontology and ethics, the student's attitude to mastering practical skills.

THE PROGRAM OF MEDICAL ON-THE-JOB-INTERNSHIP
4TH-YEAR STUDENTS OF THE 8TH SEMESTER OF THE DENTAL
FACULTY, WHO PERFORMS DUTIES AS DENTIST IN ORTHOPEDIC DENTISTRY

4. BASIC ORGANIZATIONAL PRINCIPLES

The program of on-the-job internship for the 4rd-year students of the 8th semester of the Faculty of Dentistry is carried out following the regulations for higher medical educational institutions of Ukraine and the curriculum in the scope of professional duties of an orthopedist. The practice lasts 2 weeks in the orthopedic department of the dental clinic. Assessment of success at the on-the-job internship of students is a rating and is set by the credit-transfer system with a differentiated assessment. Students who have fully completed the study program for the 4rd year of study are allowed to work with patients.

5. PURPOSE AND TASKS OF THE INTERNSHIP

Consolidation of knowledge and skills at the internship obtained during the study of basic clinical and theoretical disciplines (examination of the patient, clinical diagnosis, treatment) and further deepening and improvement of practical skills, acquaintance with the organization of medical business and working conditions of dentists, as well as consolidation skills of sanitary-educational work.

6. DURING THE INTERNSHIP OF ORTHOPEDIC DENTISTRY, STUDENTS

6.1 MUST:

- determine the content of the organization of the orthopedic dental department;
- adhere to the medical-protective and sanitary-hygienic regime in orthopedic dental department of the clinic;
- apply the basic principles of asepsis, antiseptics;
- demonstrate the ability to keep accounting records in dentistry;
- know the indications for dental prosthetics, methods of preparing the oral cavity for orthopedic interventions;
- know the clinic and methods of orthopedic treatment of pathology of the hard tissues of the tooth, periodontal disease, pathological abrasion of the hard tissues of the teeth, secondary deformations of the dentition, pathology of the temporomandibular joint;
- be able to collect anamnesis, conduct a clinical examination of the maxillofacial area, make a diagnosis;
- choose a plan and method of treatment, anticipating the need for rehabilitation of the oral cavity;
- fill in the medical history of the orthopedic patient;
- identify and correct errors made in previous clinical stages;
- prepare teeth for all types of artificial crowns (metal, combined, plastic, solid, metal-ceramic);
- prepare the root of the tooth for the pin structure;
- selection of a standard spoon;
- receive working and auxiliary prints with the use of various imprint materials;
- determine the central ratio of the jaws by different methods with partial and complete loss of teeth;
- check the design of fixed and removable prostheses, detect and correct errors made in previous clinical stages.

6.2 LIST OF SKILLS AND PRACTICAL EXPERIENCE

1. Prepare a dental unit, workplace, dental tools, equipment for the work of a dentist at an orthopedic reception. Assimilation and observance of the rules of sanitary-epidemic regime and safety of work of the orthopedic department.
2. Subjective examination at the dental office at the dentist-orthopedist survey (complaints, life history, and development of the current disease). An objective examination of appearance, examination of the oral cavity. Assessment of the condition of the mucous membranes of the oral cavity, teeth, the presence of defects in the dentition, secondary deformities. Characteristics of occlusal contacts and occlusion. Filling out an outpatient card of a dental patient.
3. Conducting additional survey methods. Determining the degree of loss of masticatory efficiency by different methods. Determining the degree of mobility of individual teeth. Index assessment of periodontal condition. Carrying out electroodontodiagnostics. Evaluation of the results of laboratory tests (analysis of blood, urine, scraping of the tongue.)
4. The choice of impression material depends on the clinical condition of the prosthetic bed. Evaluation of the quality of the received print.
5. Making models of anatomical prints.
6. The sequence of manipulations of the dentist-orthopedist in the preparation of hard tissues of the teeth. Protection of the gingival margin during tooth preparation. Conducting refraction of the gums. Tooth preparation for different types of artificial crowns.
7. Check and correct the artificial crown. Fixation of an artificial crown. Removal of an artificial crown that does not meet requirements.
8. Determination of the index of destruction of the occlusal surface of the teeth (IDOST) according to Milikevich. Preparation of the hard tissues of the tooth under the tab depending on the class of the cavity according to Black. Making tabs by the direct method. Making tabs by indirect method.
9. Preparation of the root canal for the pin structure. Fitting the pin in the root canal. Modeling of an artificial stump with a pin by a direct method, and also by an indirect method. Fitting and fixing of an artificial stump with a pin.
10. Determination of indications for the manufacture of a bridge. The rationale for the choice of bridge design depends on the clinical picture. Preparation of abutment teeth for an adhesive bridge. Steaming of abutment teeth under stamped-brazed, solid, plastic, and combined bridge prosthesis.
11. Substantiation of the boundaries of partial and complete removable plastic prosthesis on the upper and lower jaw.
12. Rationale for the choice of arch prosthesis design depending on the clinical picture. Parallelometry. The choice of the type of support and retaining elements depending on the type of control line. Clamps of the Ney system. Checking the frame of the arch prosthesis. Correction and task of arc prosthesis.
13. Selection of artificial teeth taking into account anatomical landmarks and functional patterns.
14. Check the design of a partial and complete removable plate prosthesis. Detection and elimination of possible errors in determining the central occlusion.
15. Preparing teeth for temporary splinting. Production of temporary tires outside the laboratory method. Preparation of teeth for permanently removable splints for the front and side groups of teeth.
16. Prevention of emergencies in the clinic of orthopedic dentistry (dizziness, loss of consciousness, hypertensive crisis). Identify the leading symptoms and provide emergency care.

EDUCATIONAL AND RESEARCH WORK OF STUDENTS (ERWS)

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ERWS can be carried out in the form of preparation of abstracts, performance of individual tasks, inclusion in work of elements of experimental research, reports or messages at scientific and practical conferences in hospitals, with drawing up of tables, schemes, diagrams, stands-lectures.

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of on-the-job internship _____

(name of internship)

of student

Surname _____

Name _____

Faculty _____

Course _____

Group _____

Direct Supervisor (from the base)

Chief Supervisor (from the base)

(signature)

Seal

THE LIST
of practical skills and tasks for the on-the-job internship
in orthopedic dentistry

№	List of practical skills	Number of skills	Done	Score in points
1	Number of workdays	10		
2	Admitted patients	45		
3	Of these: primary	10		
4	Repeated	20		
5	Obtaining anatomical impressions of plaster	5		
7	Obtaining a complete anatomical impression of alginate masses	10		
8	Fitting an individual spoon and obtaining a functional imprint	2		
9	Removal of crowns	4		
10	Preparation of teeth for different types of artificial crowns:			
11	- stamped	2		
12	- plastic	1		
13	- solid	1		
14	- combined (metal-ceramic, metal-plastic)	2		
15	Preparation of teeth for tabs or veneers	1		
16	Production of a stump tab	1		
17	Manufacture of adhesive bridge	1		
18	Determination of the central ratio of the jaws	4		
19	Normalization of occlusion in periodontal diseases	1		
20	Preparation of teeth for a permanent splint	1		
21	Production of a temporary tire by the non-laboratory method	1		
22	Checking the design of prostheses:			
23	- crowns	5-6		
24	- bridge prosthesis	2		
25	- partial removable plate prosthesis	1		
26	- arch prosthesis	1		
27	- full removable prosthesis	1		
28	Fixation of non-removable structures	2		
29	Correction and imposition of removable types of prostheses	1-2		
30	Relocation and repair of prostheses			

THE CHARACTERISTIC

Student _____ Group _____ Course _____
(Full Name)

IMMEDIATE SUPERVISOR

(Signature) (Name, Surname)

THE CHIEF OF PRACTICE

Seal

(Signature) (Name, Surname)

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THE PROGRAM OF THE MEDICAL ON-THE-JOB-INTERNSHIP
OF THE 4TH-YEAR STUDENTS OF THE 8TH SEMESTER OF THE DENTAL
FACULTY, WHO PERFORMS DUTIES AS DENTIST
IN SURGICAL DENTISTRY

7. BASIC ORGANIZATIONAL PRINCIPLES

The program of the on-the-job internship for the 4th-year students of the 8th semester of the Faculty of Dentistry is carried out following the regulations for higher medical educational institutions of Ukraine and the curriculum in the scope of professional duties of a surgeon. The practice lasts 2 weeks in the surgical department of the dental clinic. Assessment of success at the on-the-job internship of students is a rating and is set by the credit-transfer system with a differentiated assessment. Students who have fully completed the study program for the 4th year of study are allowed to work with patients.

8. PURPOSE AND TASKS OF THE INTERNSHIP

Consolidation of knowledge and skills at the internship obtained during the study of basic clinical and theoretical disciplines (examination of the patient, clinical diagnosis, treatment) and further deepening and improvement of practical skills, acquaintance with the organization of medical business and working conditions of dentists, as well as consolidation skills of sanitary-educational work.

9. DURING THE INTERNSHIP OF SURGICAL DENTISTRY, STUDENTS

9.1 MUST:

- determine the content of the organization of the surgical dental department;
- adhere to the medical-protective and sanitary-hygienic regime of the surgical dental department of the polyclinic;
- apply the basic principles of asepsis, antiseptics;
- demonstrate the ability to keep accounting records in dentistry;
- be able to collect medical history, conduct a clinical examination of the maxillofacial area, establish the diagnosis;
- fill in the medical history of the surgical patient;
- describe the radiograph of teeth and bones of the maxillofacial area;
- be able to select and analyze patient complaints and medical history of inflammatory diseases, injuries and tumors of the maxillofacial area;
- describe the radiograph of the teeth, prescribe treatment after tooth extraction;
- carry out surgical treatment of chronic periodontitis: resection of the apex of the root, hemisection, amputation, coronary radicular separation, replantation.

9.2 LIST OF SKILLS AND PRACTICAL EXPERIENCE

1. Demonstrate the ability to apply the principles of medical care in surgical dental practice.
2. Demonstrate mastery of modern methods and principles of health education.
3. Demonstrate the ability to collect a patient's medical history to complete an outpatient card of a dental patient.
4. Conduct a palpation examination for inflammatory diseases, soft tissue and bone injuries of the maxillofacial area, tumors and tumor-like formations.

5. Be able to take a smear, an impression for cytological examination.
6. To remove teeth - typical and atypical.
7. Remove semi-retained and retained teeth.
8. Open subperiosteal abscesses and soft tissue abscesses, phlegmon.
9. Stop bleeding after tooth extraction.
10. Demonstrate dissection and excision of the mucous membrane in pericoronitis
11. Have a method of removing sequestrars with limited osteomyelitis.
12. Carry out surgical treatment of wounds of soft tissues of the face, oral cavity.
13. Fix the mandibular dislocation.
14. Have techniques for applying soft bandages in the maxillofacial area.
15. Apply a ligature bandage, splint for tooth dislocations, fractures of the alveolar process, jaws.
16. To carry out probing of a fistula, channels of salivary glands, removal of concretions from channels.
17. Demonstrate methods of first aid - artificial respiration, cardiac massage.

EDUCATIONAL AND RESEARCH WORK OF STUDENTS (ERWS)

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THE DIARY
of the on-the-job internship _____
(name of the internship)
of student

Surname _____
Name _____
Faculty _____
Course _____
Group _____

Direct Supervisor (from the base) _____
Chief Supervisor (from the base) _____

(signature)

Seal

THE LIST
of practical skills and tasks for the on-the-job internship
in surgical dentistry

№	List of practical skills	Number of skills	Done	Score in points
1	Number of workdays	10		
2	Admitted patients	60		
3	Of these: primary	40		
4	Repeated	20		
5	Anesthesia:			
7	Tuberal	10		
8	Mandibular	10		
9	Infraorbital	10		
10	mental nerve block	1-2		
11	Torusal	4-5		
12	Palatal	5		
13	Incisors	5		
14	terminal:			
15	Sublingual	5		
16	Buccal	6		
17	of the upper jaws	4		
18	Plexus	10		
19	Removal of teeth and roots	50		
20	Urgent operations:	7-11		
21	subperiosteal abscess incision	1-2		
22	surgical treatment of wounds, incision of soft tissue abscesses	1		
23	dissection of the mucous membrane in pericoronitis	1-2		
24	removal of the mucous membrane in pericoronitis	3-5		
25	Removal of retinated and dystopian teeth	1-2		
26	Treatment of complications:			
27	stop bleeding, hematoma	1		
28	Alveolitis	1-2		
29	Planned operations:			
30	Relocation and repair of prostheses	2-3		
31	Assistance	1-2		
32	independent interventions	6-9		
33	Other types of manipulations	2-3		
34	postoperative dressing	2-3		
35	Washing the hole, wound	2-3		
36	Splinting, dislocation correction			
37	Sanitary and educational work, including			
38	- conversations were held	1		

THE CHARACTERISTIC

Student _____ Group _____ Course _____
(Full Name)

IMMEDIATE SUPERVISOR

(Signature) (Name, Surname)

THE CHIEF OF PRACTICE

Seal

(Signature) (Name, Surname)

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Students wishing to do the on-the-job internship at the place of residence must write an application and submit a letter from the medical institution to the on-the-job internship department.

EXAMPLE OF THE APPLICATION OF THE STUDENT

RECTOR of the PHEE “Kyiv Medical university”
Professor IVNEV B.B.

Student _____
(Name, Surname)

_____ faculty, ___ course, ___ group

THE APPLICATION

Please allow the on-the-job internship at _____
(name of the on-the-job internship)

at the place of residence _____
(name of city, district, region)

“ _____ ” _____ 20____
(signature)

RECTOR of the PHEE “Kyiv Medical university”
Professor IVNEV B.B.

Student _____
(Name, Surname)

_____ faculty, ___ course, ___ group

THE APPLICATION

Administration of _____
(name of the medical institution)

does not object to the on-the-job internship

_____ (name of the on-the-job internship)

Student _____ course, group _____, faculty _____
(Name, Surname)

Based on _____
(name of the medical institution)

The base meets the requirements of the on-the-job internship.

Chief Physician _____ (Name, Surname)

Seal (signature)