Odessa National Medical University
Faculty of Dentistry
Department of Orthopedic Dentistry

Syllabus of industrial practice
" Medical practice in orthopedic dentistry "

Volume	106 hours/ 3.5 credits
Semester, year of study	VII-VIII semester (fourth year of study)
Days, time, place	The time and place (number of the lecture hall, auditorium) of the discipline is determined according to the approved schedule of classes.
Teacher (s)	Head Department Assoc., Doctor of Medical Sciences Rozhko P.D., head teacher of the department assistant Cherednichenko A.V., associate professors, candidate of medical sciences: Ryaboshapko A.A., Burdeyny V.S., Balykov V.V., Kushnir N.V., Shakhnovsky I .V., Rozumenko M.V., assistants to the candidate of medical sciences: Rozumenko V.A .; assistants Adamiv S.I., Lysenko V.V.
Contact phone	number at the department phone number is missing
E-mail	ortstom-onmedu@ukr.net
Workplace	Department of Orthopedic Dentistry, Torgovaya street, 15
Consultations	*Face-to-face consultations:* 14.30-16.00 on Thursday, and 8.30 – 13.00 on Saturday. *On-line consultations:* conducted by agreement with the teacher, who conducts classes in a group on an individual basis.

COMMUNICATION

Communication with students will be carried out in the classroom according to a schedule, as well as using the Microsoft Times, Zoom, E-mail platform, and by phone of the teacher – in the case of distance learning.

COURSE SUMMARY

The subject of study during the internship is: organizational principles of the orthopedic department. Clinic equipment. Study of the organization of the orthopedic doctor's workplace, andtools. Safety precautions. Inrganizatsiyni principles of work of a dental laboratory. Familiarization with the workplace of a dental technician and special premises of the dental laboratory. Safety precautions. Medical documentation.

Course details:

The discipline is based on students ' assimilation of theoretical material from basic disciplines (human anatomy, histology, cytology and embryology, physiology, pathophysiology, pathomorphology, general surgery, propaedeutics of internal medicine, pharmacology), with which the program of industrial practice is integrated.

The purpose of the internship is to form the basis for the student's further study of the clinical disciplines of orthopedic dentistry, therapeutic dentistry, surgical dentistry, and pediatric dentistry, which implies integration with these disciplines "vertically" and the formation of skills to apply knowledge in the process of further training and in professional activities.

ОсновниThe main tasks of passing an industrial internship are:

• to teach students how to conduct surveys of patients in a clinical study with the use of dental equipment and tools; to teach students to analyze diagnostic model of patients with different types of pathology dental apparatus; on the basis of clinical thinking to choose recovery methods defects of the teeth and dentition; to teach students to perform practical skills during clinical patients with different defects of the dentoalveolar apparatus; to teach students solve situational problems, with clinical directions.

Competencies and learning outcomes that the discipline contributes to (the relationship with the normative content of training applicants for higher education, formulated in terms of learning outcomes in AKI).

Expected results:

Integrative final program results of training, the formation of which is promoted by the academic discipline "Medical practice in orthopedic dentistry":

–On the basis of a survey, examination, and instrumental research, be able to evaluate information about the diagnosis, and make a preliminary and final diagnosis.

–Assign and analyze additional (mandatory and optional) survey methods

–Determine the approach, plan, type and principle of treatment of dental diseases by making an informed decision based on existing algorithms and standard schemes.

–Determine the tactics of providing emergency medical care, using recommended algorithms, in any circumstances based on the diagnosis of an emergency condition in a limited time.

–Comply with the requirements of ethics, bioethics and deontology in their professional activities.

–Organize the necessary level of individual safety (own and those who are taken care of) in the event of typical dangerous situations in the individual field of activity

–Perform medical dental manipulations based on a preliminary and / or final clinical diagnosis for different segments of the population and in different settings.

–Perform manipulations of emergency medical care, using standard schemes, under any circumstances based on the diagnosis of an emergency condition in a limited time.

COURSE DESCRIPTION

Forms and methods of training

The course will be presented in the form of lectures (does not provide) practical (10 hours), organization of independent work of students (50 hours).

When teaching the discipline, the following methods are used: lecturer's story, demonstration of Power Point and explanation, conversation, analysis of new information. During practical classes, students use their theoretical knowledge to complete practical tasks.

The format of practical classes includes::

- checking the knowledge of previously studied material (control event);
- working out new material and getting a task for the next lesson.

Content of the academic discipline

1. Introduction to the clinic of orthopedic dentistry. Requirements for a dental office. Orthopedic office documentation. Rules for filling it in.
2. Tools and materials used in the orthopedic dentistry clinic.
3. Methods of asepsis and antisepsis in the dental office.
4. Introduction to the dental laboratory. Special rooms of the dental laboratory (gipsovochna, polirovochna, lityina rooms).
5. Устаткування Dental laboratory equipment. Basic safety regulations безпеки.
6. Types of lesions of the dentoalveolar system that are subject to orthopedic treatment. Examination of the patient in the clinic of orthopedic dentistry. Clinical and additional (special) examination methods.
7. Indications forlinico-laboratory stages of manufacturing stamped metal, plastic and combined crowns
8. Indications and indications forlinico-laboratory stages of manufacturing solid-cast, metal-plastic and cermet crowns
9. Indications and indications forlinico-laboratory stages of manufacturing stamped-soldered bridge prostheses
10. Indications and indications forlinico-laboratory stages of manufacturing solid-cast, metal-plastic and metal-ceramic bridge prostheses
11. Indications forlinico-laboratory stages of tab manufacturing
12. Indications and kliniko-laboratory stages of manufacturing pin structures
13. , Indications and kliniko-laboratory stages of manufacturing безметалевоїmetal-free ceramics
14. Indications and design choice for partial removable dentures. Selection of supporting teeth. Methods of fixing partial removable dentures.
15. Clinical and laboratory stages of manufacturing partial removable plate prostheses and
16. Clinical and laboratory stages of manufacturing clasp prostheses and
17. Clinical and laboratory stages of manufacturing acrylic-free products partial removable plate prostheses and
18. Clinical and laboratory stages of manufacturing removable dentures with lock fasteners.
19. Indications forlinico-laboratory stages of manufacturing imediat prostheses
20. Methods of repairing removable dentures.
21. Kliniko-laboratory stages of manufacturing complete removable dentures.
22. General characteristics of maxillofacial devices and their classification. Transport tires.

Ligature binding of teeth, indications, contraindications.

23. Treatment of jaw fractures with bent wire splints.
24. Scope of specialized orthopedic care for the wounded with jaw fractures. Laboratory-made tires (Weber tires, Vankiewicz, Limberga, Guninga Port).
25. Maxillofacial prosthetics of patients with injuries of the maxillofacial region.
26. Differentiated credit

List of recommended literature

Basic literature:

1. Klemin V. A. Orthopedic dentistry. Training manual /V. A.Klemin, V. E.Zhdanov.Vsi "Meditsina", 2010. - 224 p.
2. Makeev V. F., Stupnitskiy G. M. Teoreticheskie osnovy podopedicheskoi stomatologii [Theoretical foundations of orthopedic dentistry]. Lviv: Daniel Galitsky LNMU, 2010 -394 p.
3. Nespryadko V. P., Rozhko N. M. Orthopedic dentistry. Kiev, Kniga Plus, 2003
4. Chulak L. D., Shuturminsky V. G. Clinical and laboratory stages of dental prostheses manufacturing зубнихпротезов. Odessa. Odessa honey. university, 2009, 318c.
5. Fundamentals of deontology in dentistry. Posobie dlya studentov i vrachei [Handbook for students and doctors].Ruzina. - Vinnytsia, Nova kniga, 2008. - 120s.
6. Urgent care in dentistryКлемін, А.В.Павленко, В.Н.Arendariuk et al. Under the editorship of V. А.Клеміна. - Donetsk: Publisher Zaslavsky A..Yu., 2011. - 144s.

RATINGS

Current monitoring is carried out at each practical lesson according to the specific goals of the topics. The assessment of current academic performance is based on the results of:

1. correct answers to questions in навчальному the textbookібнику (filled студентом in by the studentduring preparation for the practical lesson);
2. practical training interviews;
3. performing practical work in the classroom.

When mastering each module topic, the student's current academic activity is evaluated on a 4-point traditional scale.

Assessment of independent work:

Independent work of students, which is provided in the topic next to the classroom work, is evaluated during the current control of the topic in the corresponding lesson.

Final control (differentiated credit)it is carried out at the end of each course. Students who have completed all types of work provided for in the curriculum and who do not have passes (who have completed all passes), have an average score for

current academic activities of at least 3.00, and have passed the final test control in the penultimate lesson by at least 90% are allowed to take the final control.

Differentiated credit is assessed based on the results of an interview with the head of the department. Each ticket includes 3 theoretical questions.

The received **grade for the discipline** is regarded as the percentage of mastering the required amount of knowledge in this subject.

Independent work of students.

Ppreparation for practical classes (theoretical, опрацювання practical навичокskillsвміньdevelopment)

Independent work of students, which is provided in the topic next to the classroom work, is evaluated during the current control of the topic in the corresponding lesson

COURSE POLICY

Policy on deadlines and retakes:

Final control (дconference scoring) is carried out in the classroom. If there is no or low result, it will be recalculated according to the schedule

Academic Integrity Policy:

Use of prohibited auxiliary materials or technical means (cheat sheets, notes, microphones , phones, smartphones, tablets, etc.) during control events;

Attendance and lateness policy:

Students are required to attend all types of training sessions.

Mobile devices:

Use mobile devices only with the teacher's permission.

Audience behavior:

Active business atmosphere.