

Odessa National Medical University
Faculty of Dentistry
Department of Orthopedic Dentistry

Course syllabus

«The use of aesthetic approaches in the planning of orthopedic interventions»

Volume	of 90 hours/ 3 credits
Semester, year of study	IX- X semester (fifth 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	<i>Face-to-face consultations:</i> 14.30-16.00 on Thursday, and 8.30 – 13.00 on Saturday. <i>On-line consultations:</i> 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 of the discipline "Using aesthetic approaches in planning orthopedic interventions" is aesthetic dental orthopedic treatment of the following types of pathology of the dentoalveolar apparatus: defects of the crown part of individual teeth, partial tooth loss, lesions of hard tooth tissues, dental prosthetics on implants.

Course details:

The discipline "Using aesthetic approaches in planning orthopedic interventions" is based on students' study of morphological disciplines, physiology, pharmacology, pathomorphology, pathophysiology, propaedeutics of orthopedic dentistry, orthopedic dentistry.

The purpose of teaching the academic discipline is the professional formation of a future specialist who is able to solve clinical problems using the acquired knowledge and skills in the discipline, provides for the integration of teaching the discipline with therapeutic, surgical and dentistry of children.

The main objectives of studying the academic discipline "The use of aesthetic approaches in the planning of orthopedic surgery 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 end program learning outcomes that are promoted by the academic discipline "Use of aesthetic approaches in planning orthopedic interventions":

–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

The course will be presented in the form of lectures (10 hours.) and seminars (20 hours), organization of independent work of students (60 hours).

When teaching the discipline, the following methods are used: lecturer's story, PowerPoint demonstration and explanation, conversation, briefing, analysis of new information.

During the seminar sessions, the teacher conducts a discussion on pre-defined problems, for which students prepare abstracts *виступів* на based on individually completed tasks (essays, essays, etc.). During the seminar session, the teacher evaluates the quality of students' individual tasks, their performances, activity in discussion, ability to formulate and defend their position, and so on.

Content of the academic discipline

1. Anatomical and physiological foundations of aesthetics. The use of elements of aesthetics in the manufacture of orthopedic structures.
2. Clinical examination of patients with defects of teeth and dentitions. Special methods of examination. Drawing up a plan of aesthetic treatment.
3. Innovative materials for the manufacture of modern fixed, partial and clasp, complete removable dentures
4. Features of preparation of the oral cavity for prosthetics depending on the choice of prosthesis design.
5. Planning of metal-ceramic and all-ceramic restorations taking into account anatomical and physiological features of the patient.
6. Planning and production of veneers. Manufacturing methods. Techniques for making all-ceramic restorations
7. Planning of partial removable prostheses taking into account the anatomical formations of the mouth and face.
8. Planning and manufacture of highly aesthetic clasp prostheses. Indication. Manufacturing methods.
9. Factors influencing the color planning of the orthopedic structure.
10. Manufacture of highly aesthetic structures taking into account the age group.

List of recommended literature

Basic (basic):

1. Aesthetic accents of dentistry: manual/M. Ya. Nidzelski, Yes. G. Shiyan, G. M. Davydenko. - Vinnytsia: Nova kniga Publ., 2016. - 208s.: il
2. Шмідзер Й. Aesthetic dentistry Tsvetnoy atlas. - GalDent, 2005. - 312s., 952 ill.
3. Korol' M. D. Clinical and laboratory features of manufacturing metal-ceramic dentures / Korol' M. D., Ramus M. A. - Vinnytsia: A New book, 2005. - 272 p.
4. Materials science in dentistry; edited by prof. M. D. Korol. - Vinnytsia: A new book. 2008. - 240 p.

Auxiliary system:

1. Fundamentals of deontology in dentistry. Manual for students and doctors / Под Edited by G. P. Ruzin. - Vinnytsia: New Book, 2008. - 120s.
2. Vlasenko A. S. Tehnologiya izgotovleniya zubnykh prostezov s ispol'zovaniem keramicheskikh i kompozitnykh materialov [Technology of manufacturing dental prostheses using ceramic and composite materials]. Fleece P. Sec. / Vlasenko A. S., Strelkovskiy K. M.-K.: Zdorovye, 2005. - 164 p.

3. Bernard Tuati, Paul Miara, Dan Nathanson. Esthetic dentistry and ceramic restorations. Translated from English-Moscow: Publishing House Home "Higher Education and Science", 2004, 448 p.

4. Crispin N. D., Hevlett E. G., Joe Y. H. Modern aesthetic dentistry. Practical basics. Translated from English. Под Edited by T. F. Vinogradov. – Publishing House "Quintessence", 2003-303 p.

5. Goldstein G., Соловьева Solovyova A.M. - Aesthetic dentistry. Volume 1, 2. 2003

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. співбесіди на seminar interviews;
2. performing individual 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. Credit-this form of control for a discipline consists in evaluating the student's assimilation of the discipline's curriculum in full, based on the results of current control. Tests are held at the last lesson in the discipline.

Independent work of students.

Independent extracurricular work of the student is the main means of mastering the educational material. It includes working out the educational material, preparing for lectures and other types of training sessions, performing individual tasks, research work, etc. and is performed during extracurricular time.

COURSE POLICY

Policy on deadlines and retakes:

The final score is made in the audience. 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.