

Odessa National Medical University
Faculty of Dentistry
Department of Therapeutic Dentistry

Syllabus course
"Dental manifestations of endocrine diseases"
(optional component)

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| Amount | 60 hours / 2.0 credits |
| Semester, year of study | VI semester, 3rd year of study |
| Days, time, place | Department of Therapeutic Dentistry, according to the schedule |
| Teacher (s) | Head departments, prof. Skiba V.Ya., associate professors: Ivchenko N.A, Sedletska A.O, Aksinorska O.I, Goncharuk L.V, Zherebko O.M, Koval S.M, Davidenko O.M, Bass O.A, Goncharenko O.V, Gerasimova I.V, assistants: Strochenko E.A, Chumachenko V.A, Dizik S.V, Tsymbalyuk O.G, Bila N.F, Zolotukhina O.L, Dyadyuro O.V |
| Contact phone | Head of the department, prof. Skiba Vasil Yakovlevich, mobile: 050-552-32-50 |
| E-mail | terstomonmedu@gmail.com |
| Workplace | Department of Therapeutic Dentistry, str.Torgova 15 |
| Consultations | <i>Every Wednesday</i> : from 14.30 to 16.00 and <i>on Saturdays</i> : from 8.30 to 13.00, within the academic semester. During the winter holidays: daily from 8.30 to 13.00. |

COMMUNICATION

Communication with students is carried out according to the schedule in the classrooms and the auditoriums. In the case of distance learning, communications can take place online on the Microsoft Teams platform according to the class schedule.

COURSE ANNOTATION

The subject of the course is the etiology, pathogenesis, diagnosis, differential diagnosis, clinic, treatment and prevention of endocrine diseases in the oral cavity.

Course prerequisites: The study of the program is based on previously acquired knowledge of students in human anatomy, histology, embryology and cytology, medical physics, medical chemistry, Latin, philosophy, foreign language, physiology, pharmacology, internal medicine, clinical immunology, surgical dentistry, orthopedics, pediatric dentistry, orthodontics.

Postrequisites of the course: The knowledge gained by students will help to master the issues of etiology, pathogenesis, diagnosis, differential diagnosis, clinic, treatment and prevention of endocrine diseases in the oral cavity. The use of modern equipment, professional language, allow to participate in scientific and practical conferences, internships, including abroad

The purpose of studying the selective component "Dental manifestations of endocrine diseases" is the formation of students' theoretical knowledge, practical skills and abilities in the diagnosis, treatment, prevention of manifestations of endocrine diseases in the oral cavity.

Tasks of the selective component: To form in students professional knowledge and skills in diagnosis, treatment and prevention of clinical manifestations of endocrine diseases in the oral cavity.

Expected results: *As a result of studying the selective component "Dental manifestations of endocrine diseases" the student should know:*

- The main clinical syndromes in endocrinological diseases;
- General and "anxious" symptoms of endocrine diseases;
- Clinical and additional methods of examination of patients with endocrine pathology;
- Pathogenesis of endocrine diseases;
- The main clinical manifestations of diseases of the endocrine system in the cavity company;
- Tactical algorithm of actions at detection of displays of endocrine diseases systems in the oral cavity;
- Prevention of endocrine diseases.
- Algorithm for symptomatic therapy of endocrine diseases in the oral cavity.

The student must be able to:

- Evaluate diagnosis information using standard procedure, based on laboratory and instrumental results of examination.
- Identify the leading clinical symptom or syndrome.
- To establish the most probable or syndromic diagnosis disease.
- Diagnose clinical manifestations of endocrine diseases in the oral cavity.
- Determine the tactics of the patient.
- Appoint consultations of relevant specialists.
- Carry out symptomatic treatment of clinical manifestations of endocrine diseases in the oral cavity.
- Demonstrate mastery of moral and deontological principles medical specialist and the principles of professional subordination on therapeutic reception.

COURSE DESCRIPTION

Forms and methods of teaching

The course includes seminars (10 hours), lectures (10 hours), organization of independent work of students (40 hours).

Teaching takes place in the form of lectures, Power Point demonstrations and explanations, conversations, analysis of new information. During the seminars a theoretical survey, solving situational problems, compiling algorithms for diagnostic and therapeutic search. It is planned to hold consultations according to the schedule.

Course content:

Section 1. "Dental manifestations of endocrine diseases. Etiology, pathogenesis, clinic, diagnosis, prevention, tactics of the doctor ":

Topic 1. Diabetes mellitus. Etiology. Pathogenesis. Clinic. Diagnosis. Clinical manifestations in the oral cavity.

Topic 2. Diabetes mellitus. Chronic complications. Tactics of a dentist.

Topic 3. Thyroid disease. Diffuse toxic goiter. Hypothyroidism. Clinical manifestations in the oral cavity. Doctor's tactics.

Topic 4. Diseases of the adrenal glands. Acute and chronic adrenal insufficiency.

Topic 5. Diseases of the hypothalamic-pituitary area. Itsenko-Cushing's disease. Diabetes mellitus. Acromegaly. Clinical manifestations in the oral cavity. Tactics of a dentist.

Additional

1. Bergenholtz G., Horsted-Bingslev P., Reit C. Textbook of Endodontology, ed.2, Chichester: Blackwell Publishing, 2010.

2. Carrotte P. Endodontics. Part 6. Rubber dam and access cavities / P. Carrotte // BDJ. - 2004. - № 197. - P. 527–534.

3. Carrotte P. Helpful hints with rubber dam / P. Carrotte // CPD Dentistry. - 2001. - Vol. 2(3). - P. 82–85.

4. Cohen S., Burns R.C. (eds). Pathway of the pulp, ed.10, St. Louis: CV Mosby, 2010.

5. Devlin H. Operative Dentistry. A Practical Guide to Recent Innovations – 2006. – 129 p.

6. Haapasalo M. Visual Endodontics & Traumatology / M. Haapasalo, S. Fridman //CD.- 2002.

7. Hervás-García A., Martínez-Lozano M.A., Cabanes-Vila J., Barjau-Escribano A., Fos-Galve P. Composite resins. A review of the materials and clinical indications. Med Oral Patol Oral Cir Bucal 2006; 11: E215-20.

8. Hyson J.M. Amalgam: Its history and perils. Jr J Calif Dent Assoc. 2006 Mar; 34(3):215-29.

9. Marshall K. Dental workspace contamination and the role of rubber dam / K. Marshall // CPD Dentistry. - 2001. - Vol. 2. - P. 48–50.

10. Minimal intervention dentistry: a review. FDI Commission Project 1-97 / M. J. Tyas, K. J. Anusavice, J. E. Frencken [et. al.] // International Journal of Dentistry. – 2000. – Vol. 50, № 1. – P. 1-12.

11. Operative Dentistry. Endodontics: in 2 vol.: textbook. Vol 1/ M.Yu. Antonenko, L.F.Sidelnicova, O.F.Nesyn et al.; ed. by Borysenko. – Kyiv: AUS Medicine Publishing, 2016. – 384 p.

12. Rainey J.T. Air abrasion: an emerging standard of care in conservative operative dentistry / J. T. Rainey // Dental Clinics of North America. – 2002. – Vol. 46, № 2. – P. 185-209.

13. Sturdevant's art and science of operative dentistry/ Theodore M. Roberson, Harald O. Heymann, Edward J. Swift, Jr. – ed.4, New York: McGraw-Hill, 2002. – 947 p.

EVALUATION

The Department of Therapeutic Dentistry uses various forms of control of classes in a particular discipline (oral, written, combined, testing, practical skills). The results of students' academic performance are presented in the form of assessment on a national

scale, 200-point and ECTS scale and have standardized generalized criteria for assessing knowledge: national scale:

- the grade "excellent" is given to the student who systematically worked during a semester, showed various and deep knowledge of a program material, is able to successfully carry out the tasks provided by the program, has mastered the maintenance of the basic and additional literature, has understood interrelation of separate sections of discipline, their value for the future. profession, showed creative abilities in understanding and using educational material, showed the ability to independently update and replenish knowledge; level of competence - high (creative);

– grade "good" is given to a student who has shown full knowledge of the curriculum, successfully completes the tasks provided by the program, mastered the basic literature recommended by the program, showed a sufficient level of knowledge of the discipline and is able to independently update and renew during further study and professional activities; level of competence - sufficient (constructive-variable);

– the grade "satisfactory" is given to the student who has shown knowledge of the basic educational program material in the volume necessary for the further training and the subsequent work on a profession, copes with performance of the tasks provided by the program, has made separate mistakes in answers at performance of tasks. overcoming mistakes under the guidance of a research and teaching staff; level of competence - average (reproductive);

– the grade "unsatisfactory" is given to the student who did not show sufficient knowledge of the basic educational program material, made fundamental mistakes in performance of the tasks provided by the program, cannot use the knowledge at the further training without the teacher's help, failed to master skills of independent work; level of competence - low (receptive-productive).

The multi-point scale characterizes the actual success of each student in mastering the discipline. Conversion of the traditional grade from the discipline to 200-point is performed by the information and computer center of the university program "Contingent" by the formula: average grade point average (current / from the discipline) x 40 national grade point average "5" 185-200 "4" 151-184 "3" 120-150

The ECTS rating scale evaluates the achievements of students in the discipline who study in one course of one specialty, according to their scores, by ranking, namely: ECTS score Statistical indicator "A" best 10% of students "B" next 25% of students "C" »Next 30% of students« D »next 25% of students« E »last 10% of students.

The ECTS scale establishes the student's belonging to the group of the best or worst among the reference group of classmates (faculty, specialty), ie his rating. When converting from a multi-point scale, as a rule, the limits of grades "A", "B", "C", "D", "E" do not coincide with the limits of grades "5", "4", "3" on the traditional scale. Grade "A" on the ECTS scale cannot be equal to grade "excellent", and grade "B" - grade "good" and so on. Students who receive grades "Fx" and "F" ("2") are not included in the list of ranked students.

Such students automatically receive a score of "E" after re-assembly. The grade "Fx" is given to students who have scored the minimum number of points for the current educational activity, but who have not been credited with the final control.

Grade "F" is given to students who have attended all classes in the discipline, but did not score an average score (3.00) for current academic activities and are not admitted to the final control.

Current success. Evaluation of the success of studying the topics of the discipline is performed on a traditional 4-point scale. At the seminar students will be interviewed at least once in 3-4 classes (no more than 50% of students. At the end of the semester (cycle) the number of students in the group is the same on average. entry in the Journal of Student Attendance and Attendance and Student Performance Accounting At the last practical lesson, the teacher provides information to students about the results of their current academic performance and academic debt (if any), and when completing the curriculum in the discipline fills in the test To increase the average score in the discipline, the current grades "3" or "4" are not rearranged.

Semester test. Assessment of students' performance in the discipline, the study of which is provided for two or more semesters, is based on the results of their current performance. Semester credit is given to students who have attended all types of classes in the discipline in the current semester (there are no omissions of lectures and seminars). The average score is not calculated during the semester test. For such students, the teacher puts "enrolled" in the student's record book in the last lesson of the discipline in the semester.

Final credit. Students who have fully completed the curriculum in the discipline do not have academic debt, their average score of current performance is 3.00 or more, in the last class receive a credit, which is set as "passed" / "not credited". Conversion of a traditional national score to a multi-point score (maximum 200 points) is required. If a student receives a minimum grade point average of 3.00 for current performance, even if there are unsatisfactory grades, he receives a credit for the discipline.

Independent work of students. Independent work of students is regulated by the curriculum and is performed by students independently according to calendar-thematic plans, is carried out in the form of classroom and extracurricular work. Quality control of students' independent work is carried out at seminars and during the test.

COURSE POLICY

The student must master the theoretical knowledge of the discipline, attend all types and forms of classes provided for in the curriculum, perform all types of educational tasks, master algorithms for diagnosis, treatment and prevention of endocrine diseases in the oral cavity, make all kinds of knowledge control.

Deadline and recompilation policy:

In case of non-appearance during the test of the selective component, students are allowed to re-schedule according to the re-schedule. Missed lectures are completed by students by writing an essay and an interview with a lecturer on the topic of the lecture. Missed seminars are completed by students according to the schedule of missed classes for the next teacher (every Wednesday and Saturday within the academic semester).

Academic Integrity Policy:

The use of prohibited auxiliary materials or technical means (cheat sheets, headphones, telephones, smartphones, etc.) during control measures is unacceptable in educational activities; passing of procedures of control of results of training by fictitious persons.

Attendance and lateness policy:

Students are required to attend all classes. Missed seminars and lectures must be completed by the student within 2 weeks.

Mobile devices:

It is allowed to use a smartphone, tablet or other device with the permission of the teacher.

Behavior in the audience: Communication is friendly, creative, open to constructive criticism. There is an active business atmosphere in the audience.