

ODESSA NATIONAL MEDICAL UNIVERSITY

INSTRUCTION
TO THE PROCEDURE
OBJECTIVE STRUCTURED CLINICAL
EXAM (OSCE-2)
AT THE DENTAL FACULTY
IN ODESSA NATIONAL MEDICAL UNIVERSITY

Odessa - 2021

The Objective Structured Clinical Exam (OSCE) is a practical part of the Unified State Clinical Examination (USCE).

This is a modern type of assessment of students' knowledge and practical skills, which is designed to test their acquisition of clinical skills and competencies that cannot be assessed by other traditional forms of examinations.

The OSCE exam at ONMedU was developed on the basis of the Law of Ukraine "On Higher Education", Resolution of the Cabinet of Ministers of Ukraine № 334 of March 28, 2018 " Ministry of Health of Ukraine № 419 dated February 19, 2019 «About the statement of the Order, conditions and terms of development and carrying out of the uniform state qualifying examination and criteria of estimation of results ", others orders and instructions of the Ministry of Education and Science and the Ministry of Health of Ukraine, qualification standards, "Regulations on the procedure for conducting OSCE-2 at the dental faculty of ONMedU" and other regulations of the University, adopted in the manner prescribed by law.

Basic principles of OSCE:

- objective - all students perform tasks of equal complexity, which are assessed using a standard tool (checklist);
- structured - students move on a certain number of stations along a certain route, where they perform tasks in the same conditions for the same period of time;
- clinical - creating situations as close as possible to clinical (cases), in which students apply the acquired theoretical knowledge and practical skills;
- exam - assessment of competencies and skills of students on the basis of the principles of objectivity, structure and approximation to the real clinical situation with the help of a checklist.

OSCE includes clinical disciplines:

- therapeutic dentistry,
- surgical dentistry,
- pediatric therapeutic dentistry,

- orthopedic dentistry,
- orthodontics,
- emergency medicine and emergencies.

For certification of graduates of the Faculty of Dentistry in 2021, 10 OSCE stations are used:

1. Anesthesiology. Emergency medicine: Emergencies in dentistry
2. Prevention of dental diseases. Practical skills
3. Pediatric therapeutic dentistry. Practical skills
4. Therapeutic dentistry. Practical skills 2
5. Orthopedic dentistry. Practical skills. Fixed prosthetics
6. Orthopedic dentistry. Practical skills. Removable prosthetics
7. Surgical dentistry. Practical skills 1
8. Surgical dentistry. Practical skills 2
9. Orthodontics. Standardized, hybrid patient
10. Therapeutic dentistry. Practical skills 1

Each station is located in a separate room. The station numbers and their names are clearly indicated on the door of each room.

During the exam there is a constant video and audio recording.

The exam starts according to the schedule.

At the same time the exam is made by one examination group of 8 students.

The tasks performed by students change after each group.

The break between groups is 10 minutes.

During the exam, the student passes all the stations that are included in OSCE. The time spent at each station is 6 minutes; of them 1 minute - to get acquainted with the task, and 5 minutes - to complete the task. The break for the transition between stations is 1 minute. During the break, the student moves to the next station on an individual route.

Certification begins with registration. Students must appear 15 minutes before the exam to register. They should change into medical clothing (medical gown or surgical suit of appropriate appearance, medical cap, mask and medical footwear). During registration, the student's identity is identified, he / she is assigned an identification number, which will be indicated in the electronic checklists of the examiners, and an individual route list is issued, according to which the student moves around the stations. Students sign a document on confidentiality and non-disclosure of tasks, as well as awareness of the constant video and audio recording of all stages of the exam, in particular, being in the recreation area.

The identification of the student by the examiners takes place by the personal identification number, which is indicated in the route list during registration. The personal identification number is unique and consists of 10 symbols, which indicate the time and date of the exam, the number of the station from which the student begins the exam.

Students who do not have academic debts, appear on time for the exam, are dressed in medical uniforms and medical shoes (or boot covers) in the proper form, have a photo document that identifies them, are allowed to take the exam.

A student who is late is not allowed to take the exam. If a student is absent from the exam for a good reason, he is given the opportunity to pass it in a specially determined period, according to the exam schedule.

The next stage of certification is a 15-minute briefing. During the briefing, students are introduced to the rules of the OSCE, the format of the exam, the order of passing stations and the rules of conduct in the exam.

During the exam, students are not allowed to communicate with each other, use training and support materials, use any gadgets. In violation of the above rules, the student is removed from the exam, and the results of the exam at all stations, which the student has already passed, are canceled.

The direct certification procedure is the stage of passing the stations.

1. The signal to start the exam is a long call and a voice command "Beginning of the exam. Please go to the station" After this signal, students must approach the entrances to the appropriate stations from which they begin the exam, according to the checklists.

2. The signal for entering the station premises and starting the task is a single call and a voice command "Enter the station".

After this signal, the student enters the room of the next station, where he receives the task. He has 1 minute to familiarize himself with this task, which ends with the voice command "Start the task".

3. The student has 5 minutes to perform certain actions according to the standard algorithm of actions in the described clinical situation. If the student does not complete the task in the allotted time, he interrupts the work, as a double call rang, and goes to the next station. If the student copes with the task earlier, he stays in the room until the double call.

4. The signal provided 1 minute before the end of the term for the task is the voice command "One minute left".

5. The signal to complete the task at the station is a double call and a voice command "Go to the next station".

6. The signal for the end of the exam is a long double call and a voice command "The exam is over. Please go to the debriefing hall."

During the student's performance of the task at the station, the examiner fills in a separate electronic checklist. The checklist is displayed on the examiner's computer automatically, according to the registered waybills. Before starting work of the student at the station, the examiner must verify the individual identification number of the student, which is indicated in his itinerary and the number of the checklist, which is displayed on the computer monitor. In case of using paper checklists, the examiner personally writes down the student's identification number in the appropriate column of the checklist. The personal data of the student are not reported to the examiner at the station.

In case of coincidence of numbers in the route list and in the electronic checklist, the examiner puts the signature in the corresponding column of the route list and allows the student to pass the station.

If the numbers in the e-checklist and in the itinerary do not match, the examiner must stop the student and call the next administrator.

7. The examiner does not interfere in the process of the task, but only evaluates the actions of the student, making notes in the checklist. This is a prerequisite for ensuring the objectivity of the exam.

8. The examiner may apply to the student if this is a condition of the task, or in case of violation by the student of safety rules, rules of conduct or in other unforeseen situations.

9. The student may apply to the examiner if this is a condition of the task, as well as in case of deterioration or in case of other force majeure.

Scoring and debriefing.

Immediately after the completion of all stations, students move to the debriefing area. The evaluation is conducted electronically, the information is sent to the secretaries on-line automatically and printed on a printer in the form of individual and group information.

Immediately after the count, the grades for the exam are announced to the students during the debriefing.

The student's assessment is based on a checklist. The maximum score for the task at 1 station is 100 points. The maximum total number of points is 1000.

5.3. The exam is considered passed if the student scored at least 60% of the maximum number of points (not less than 60 points at each station).

If the student does not agree with the result of the exam, he can appeal and appeal the result. Appeals are considered by the relevant commission by watching a video of the student taking the exam in the presence of the student. The composition

of the appeal commission is determined by the relevant order of the Rector of the University.

The student may be suspended from completing OSCE in the following cases:

- academic debt at the time of the exam;
- use of a mobile phone, other gadget, or other media after the sound signal and the command "Start the exam";
- the fact of conversation of students with each other during passing of the examination is fixed;
- the fact of conversation of the student with the examiner during passing of examination is fixed, if it is not caused by performance of the task at station;
- an attempt was made by the student to copy the task of the station to any information carrier;
- violation of the norms of ethics and moral code of ONMedU.

If the fact of passing any information about the exam by a student who has passed the exam, to other students, or to any other person, the results of the exam by this student are annulled and he is considered not to have passed the exam.

Appeal procedure.

Students who do not agree with the results of the exam have the right to submit an application on appeal in the approved form (which can be obtained from the Secretary of the Appeals Commission) to the Chairman of the Appeals Commission no later than 18.00 the day after the exam.

The application must clearly state the subject of the appeal, indicating the reasons why the student does not agree with the result of the exam.

The reasons for the appeal may be:

- 1) incorrect wording of tasks, or possible double interpretation of the task;
- 2) examination tasks have technical errors (there are no drawings, formulas, or digital data specified in the task);

3) examination tasks or skills do not belong to the approved curriculum of the discipline and were not published 1 month before the exam;

4) technical reasons (failure of the computer program during the exam, which was confirmed by the staff of NVK ITNIBO);

5) absence or malfunction of equipment for the task, lack of consumables at the station, without which it is impossible to perform the task (confirmed by the examiner of the station).

Other reasons cannot be grounds for appeal.

The appeal takes place according to the standard procedure approved by ONMedU by watching a video of the student's actions at the station with re-evaluation on a checklist by members of the appeal commission.

We wish you a successful certification!