

AL-FARABI KAZAKH NATIONAL UNIVERSITY

Faculty of Medicine and Public Health



**EXAM PROGRAM**  
**FOR the discipline "Clinical Anatomy of the Head and Neck"**  
**2ND COURSES**  
**Dentistry**  
**2025-2026 academic year**

**The purpose of the program** is to assess the set of knowledge, skills and abilities acquired by a 1st year student in the process of studying, in the discipline.

The exam is comprehensive and consists of 2 stages.

**Stage 1** – comprehensive testing. Its purpose is to check the level of theoretical training of students, mastery of skills, readiness for professional activity, and the degree of development of professional thinking. Testing is carried out on the app.startexam.com platform

**Stage 2** – demonstration of practical skills in accordance with the qualification requirements of the specialty.

It consists of three stations:

1. Ability to navigate in the topography of anatomical structures in the head and neck area;
2. Find neurovascular bundles in the head and neck area for use during the intervention;
3. To show the possible ways of spread of purulent-inflammatory processes in the head and neck area.

**The exam score consists of:**

- 1- Stage 70 points - test
- 2- Stage 30 points – 3 tasks from the list

Stage 1

**Matrix of exam test tasks for the discipline**  
**"Clinical anatomy of the head and neck"**  
**for 2nd year students "Dentistry" for the 2025-2026 academic year**

| № | Topic Title | Number of tests   |         |
|---|-------------|-------------------|---------|
|   |             | For comprehension | For use |
|   |             |                   |         |

|     |   |   |   |
|-----|---|---|---|
| 1.  | Clinical anatomy of the cranial vault, the structure of the skull bones, features of blood supply to soft tissues. Cellular spaces and crevices, ways of propagation of purulent-inflammatory processes.  | 2 | 2 |
| 2.  | Clinical anatomy of the outer base of the skull. Cranial nerves. Topography of the trigeminal (V pair), facial (VII pair), glossopharyngeal (IX pair) and vagus (X pair) nerves and their branches.   | 2 | 2 |
| 3.  | Clinical anatomy of the facial skull, boundaries, external landmarks and projections.   | 2 | 2 |
| 4.  | Topography of the parotid gland and its duct, projection of the branches of the facial nerve, superficial temporal artery.  | 2 | 2 |
| 5.  | Features of blood supply to soft tissues.   | 2 | 2 |
| 6.  | Cellular spaces, topography   | 2 | 2 |
| 7.  | cracks, ways of spread of purulent-inflammatory processes.  | 2 | 2 |
| 8.  | Clinical anatomy of the deep area of the face. Borders, intermaxillary region according to Pirogov, temporal (maxillary)-pterygoid and interpterygoid cellular fissures, vessels and nerves.  | 2 | 2 |
| 9.  | Clinical anatomy of the upper and lower jaw, surgical anatomy of their fractures.   | 2 | 2 |
| 10. | Masticatory apparatus. Clinical anatomy of facial muscles (mimic, masticatory and auxiliary), their characteristics, blood supply and innervation. Temporomandibular joint (joint capsule), anatomical and physiological features of the joint. Blood supply, innervation.  | 2 | 2 |
| 11. | Clinical anatomy of the mouth area, borders. Structure of the upper and lower lip, blood supply, innervation, lymphatic drainage. Vestibule of the mouth, division into sections. Anatomical and clinical formulas of milk and permanent teeth. Innervation and blood supply to the teeth. Periodontium, periodontium. The concept of occlusion. Clinical anatomy of the oral cavity, borders, soft and hard palate. Blood supply, innervation, lymphatic drainage. | 2 | 2 |
| 12. | Clinical anatomy of the floor of the oral cavity, muscles, fascia, cellular space. The throat, the tongue. Blood supply, innervation, lymphatic drainage.   | 2 | 2 |

Stage 2 – 3 tasks from this list

EVALUATION SHEET FOR THE SECOND STAGE

ΦΙΟ \_\_\_\_\_ Γρυννα \_\_\_\_\_ Date \_\_\_\_\_

| №            | Evaluation criteria   | Level of Execution |           |            |                     |              |                 |
|--------------|---|--------------------|-----------|------------|---------------------|--------------|-----------------|
|              |   | Excellent          | Very good | Acceptable | Requires correction | Unacceptable | Not implemented |
| 1.           | He put on a clean robe, a hat, a mask.  | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 2.           | I chose dummies to answer the questions on the ticket.                              | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 3.           | He pointed out the location and functions of the anatomical formation on the dummy. | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 4.           | He told me on the dummy the location, functions of the anatomical formation.        | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 5.           | I chose the drawings to answer the questions on the ticket.                         | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 6.           | I indicated in the picture the location and functions of the anatomical formation.  | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 7.           | He described the location and functions of the anatomical formation in the drawing. | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 8.           | Selected the necessary tools and materials for the specified action on the ticket   | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 9.           | Performed the necessary actions specified in the ticket.                            | 10                 | 8         | 6          | 4                   | 2            | 0               |
| 10.          | Demonstrated confidence in completing the task                                      | 10                 | 8         | 6          | 4                   | 2            | 0               |
| <b>TOTAL</b> |   | <b>100</b>         | <b>80</b> | <b>60</b>  | <b>40</b>           | <b>20</b>    | <b>0</b>        |

### **Instructions on the technology of the exam:**

1. The exam consists of 2 stages: 1st stage - offline-written testing; Stage 2 - OSCE
2. The duration of the exam is:
  - 1.5 minutes are given for 1 test, 150 minutes for 100 tests
  - 15 minutes are given for 1 student at OSCE.
3. At the specified time, the student enters the classroom with mandatory proctoring (the camera and microphone cannot be turned off)
4. The student receives his own version of the tests
5. At the stage of OSCE, the generation of tickets is carried out automatically for each student.
6. The exam begins with mandatory proctoring (the camera and microphone cannot be turned off)
7. The exam is taken orally, the answers are recorded in checklists for each clinical situation
8. The exam is evaluated according to the exam program: 40% - test results; 60% - OSCEA results
9. The results of the exam are submitted to the university system within 48 hours.