

**Assessment tools for conducting attestation
in discipline «Surgical methods of treatment of periodontal diseases.
Basics of mucogingival surgery»
for students of 2021 year of admission
under the educational programme
cipher 31.05.03 Dentistry,
specialisation (profile) Dentistry
(Specialist's),
form of study full-time
for the 2025-2026 academic year**

1. Assessment tools for conducting current certification in the discipline

Current certification includes the following types of tasks: testing, solving situational problems, test work, preparing a report, interview on test questions, assessment of mastery of practical skills (abilities).

1.1. Examples of test tasks

Checked indicators of achieving competence: ПК-2.1.1; ПК-2.2.1; ПК-4.2.1.

1. INDICATIONS FOR VESTIGATORY PLASTIC SURGERY

- A) increasing the area of attached gingiva
- B) stopping periodontal inflammation
- C) partial restoration of lost periodontal structures
- D) elimination of periodontal pocket

2. INDICATIONS FOR OPEN CURETTAGE ARE

- A) significant proliferation of granulation and associated deformation of interdental papillae
- B) abscess formation
- C) acute inflammatory diseases of the oral mucosa
- D) necrosis of the gingival margin

3. INDICATIONS FOR MUCO-GINGIVAL PLASTIC SURGERY ARE NOT

- A) third-class furcation defects
- B) short frenulum of the lower lip
- C) narrow zone of attached gingiva
- D) presence of recession gums

4. VESTIBULOPLASTY IS

- A) plastic surgery of the vestibule of the oral cavity
- B) transplantation of a connective tissue flap from the tubercle of the maxilla or hard palate
- C) autotransplantation of the dermis
- D) plastic surgery of the frenulum of the tongue

5. SUTURES AFTER GINGIVOTOMY

- A) do not apply
- B) remove on the 3rd day
- C) apply immediately after surgery
- D) remove after a week

6. IN GINGIVECTOMY

- A) remove hypertrophied gum or part of the pocket
- B) peel off the mucoperiosteal flap
- C) dissect the gum to obtain purulent exudate
- D) make a T-shaped incision on the gum

7. NSAIDS, PREFERENTIALLY INHIBITING COX-2

- A) movalis
- B) ketonal
- C) ibuprofen
- D) naproxen.

8. LOCAL ANTISEPTICS CONTAINING CHLORHEXIDINE

- A) Eludril and Corsodyl
- B) Elgydium and Dioxycol
- C) Parodium and Sanguiritrin
- D) Corsodyl and Catamine

9. PERIODONTAL DRESSING IS USED FOR

- A) Protecting the blood clot from external influences after curettage
- B) Splinting teeth after surgery
- C) Splinting teeth before surgery
- D) Filling the pocket during gingivectomy

10. ANTIBIOTICS WITH ATROPICITY TO BONE TISSUE

- A) Clindamycin
- B) Azithromycin
- C) Amoxiclav
- D) Doxycycline

1.2. Examples of situational tasks

Checked indicators of achievement of competence: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1; ПК-4.2.1; ПК-4.3.1.

Situational task №1.

Patient M., 35 years old. Complains of bleeding gums and tooth mobility. On examination: general condition is satisfactory. Mouth opening is complete. The mucous membrane of the marginal gum in the area of all teeth is swollen, cyanotic, bleeds easily when touched, abundant soft dental deposits. Periodontal pockets at teeth 1.5, 1.1, 2.2 are 4-5 mm deep, at tooth 2.4 - 7 mm. Tooth 2.4 mobility is grade III. Hygiene index according to Fedorov-Volodkina is 3.0 points. On orthopantomogram - resorption of bone tissue of the alveolar process of the jaws by 1/3 of the root length of all teeth, at tooth 2.4 - by 1/2 the root length, bone pocket.

1. Make a diagnosis.
2. Make a treatment plan.
3. What products are used for local therapy?

1.3. Examples of test questions

Checked indicators of achieving competence: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1; ПК-4.2.1.

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1. Describe the role of physiological patterns of the structure of periodontal complex tissues in the implementation of surgical methods of treating periodontal diseases, and assessing the prognosis of the treatment.

2. Conduct a comparative analysis of resective and regenerative methods of surgical treatment of periodontal diseases.

1.4. Examples of report topics

Checkable indicators of achieving competence: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1; ПК-4.2.1; ПК-4.3.1.

1. Non-surgical periodontal treatment. Treatment protocols. The role of systemic antibiotic therapy. The role of local antibiotics and antiseptics. Techniques for plaque removal using hand and ultrasonic instruments.

2. The relationship between pulp and periodontal pathology. Combined pulp and periodontal lesions. Healing potential and prognosis.

3. Orthodontics and periodontal treatment. Orthodontic tooth movement as a possible cause of periodontal damage. Prevention of periodontal damage with timely orthodontic treatment.

1.5. Examples of control questions for interviews

Checkable indicators of achieving competence: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1; ПК-4.2.1; ПК-4.3.1.

1. What is the role of physiological patterns of the structure of periodontal tissues in diagnostic procedures and determining surgical treatment tactics?

2. What is the physiological rationale for the role of root surface treatment in the mechanisms of periodontal attachment restoration?

3. What are the features of tissue mobilization and flap formation in the area of various anatomical structures?

1.6. Examples of tasks for assessing the acquisition of practical skills (abilities)

Checked indicators of achieving competence: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1.

1. Describe the basic techniques and principles of wound suturing during mucogingival surgeries to eliminate gum recessions.

2. Specify the types and features of working with instruments for mechanical treatment of the root surface during periodontal surgical treatment.

2. Assessment tools for independent work of students

Independent work is carried out at the elearning.volgmed.ru and involves the preparation of reports on the issues of the thematic plan for independent work for the semester.

2.1. Example of questions for independent work

Checked indicators of achieving competence: ПК-2.1.1; ПК-2.3.1

№	Questions for reports on independent work	Checked indicators of achieving competence
1	PRP plasmapheresis in the complex treatment of periodontal diseases.	ПК-2.1.1 ПК-2.3.1
2	Methods of suturing in surgical dentistry. Characteristics of suture material. Dental splinting as part of supportive therapy for periodontal diseases.	
3	Open curettage in the complex treatment of periodontal diseases.	
4	Modern osteoplastic materials in periodontal surgery: characteristics, types, and indications for use.	

3. Assessment tools for conducting midterm certification in the discipline

The midterm assessment is conducted in the form of a test.

The midterm assessment includes the following types of tasks: interview on questions for the test (Рспец_теор), solution of a situational problem (Рпа).

3.1. Example of questions for midterm assessment

Checked indicators of achieving competence: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1; ПК-4.2.1; ПК-4.3.1.

№	Questions for midterm assessment	Checked indicators of achieving competence
1.	The role of physiological patterns of the structure of periodontal tissues in diagnostic measures and determining surgical treatment tactics.	
2.	Principles of tissue mobilization, root surface treatment, preparations used, physiological rationale for the role of root surface treatment in the mechanisms of periodontal attachment restoration	
3.	Connective tissue transplants, classification, clinical and morphological characteristics	
4.	Coronally-advanced flap. Indications, assessment of the initial state of periodontal tissues and its role in predicting the elimination of periodontal attachment loss	
	Etc.	

3.2. Example of a situational task for midterm assessment

Checked indicators of competence achievement: ПК-2.1.1; ПК-2.2.1; ПК-2.3.1; ПК-4.2.1; ПК-4.3.1.

Public Health Ministry of the Russian Federation
Federal State Educational Institution of Higher Education
The Volgograd State Medical University of Public Health Ministry of the Russian Federation
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SITUATIONAL TASK № 5

Patient S., 54, complained of food getting between her teeth and difficulty cleaning the molars and premolars of the upper jaw on the right, bleeding gums when brushing her teeth, and occasional aching pain.

On examination: general condition is satisfactory. Full mouth opening. The mucous membrane in the area of teeth 1.5, 1.6, 1.7 is congested and hyperemic, bleeds easily when touched. There are food debris, supra- and subgingival hard dental deposits, periodontal pockets in the interdental spaces of these teeth: 4 mm in the area of tooth 1.5, 6 mm near teeth 1.6 and 1.7, tooth 1.6 has grade 1 mobility. There are filling defects and a carious process on

the contact surfaces of teeth 1.5, 1.6, 1.7. The oral hygiene index is unsatisfactory. In the area of other teeth, no clinical or radiographic pathology is determined.

- 1) Make an examination plan
- 2) Formulate a diagnosis
- 3) Offer the patient alternative treatment plans and indicate the optimal surgical treatment option

Head of Department, Associate Professor _____

Yarygina E.N.

The full fund of assessment tools for the discipline is available in elearning.volgmed.ru at the following link(s):

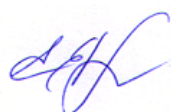
<https://elearning.volgmed.ru/course/view.php?id=10242>

<https://elearning.volgmed.ru/course/view.php?id=11846>

<https://elearning.volgmed.ru/course/view.php?id=10246>

Considered at a meeting of the Department of Surgical Dentistry and Maxillofacial Surgery, record of May 17, 2025, № 9.

Head of Department



Yarygina E.N.