

## CONTROL AND MEASURING DEVICES

### Program questions for intermediate certification

**Name of the discipline:** Prosthetics for complete loss of teeth

**Discipline code:** PThSD 5302-2

**OP name and code:** 6B10117- "Dentistry"

**Amount of study hours/credits:** 150/5

**Course and semester of study:** 4th year, VIII

**SHYMKENT**  
**2025-2026 academic year**

<p>ОНТҮСТИК QAZAQSTAN  <b>MEDISINA</b>  <b>AKADEMIASY</b>  <b>«Онтыстык Қазақстан медицина академиясы» АҚ</b></p>	 <p>SOUTH KAZAKHSTAN  <b>MEDICAL</b>  <b>ACADEMY</b>  AO «Южно-Казахстанская медицинская академия»</p>
<p>Department of Surgical and orthopedic dentistry</p>	<p>45/11</p>
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**Compiled by:** assistants of the department,

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**Protocol: no.** 11 **from "23 "** 06 **2025 G.**

## Program questions for intermediate certification № 1

1. Anatomical and topographic features of the structure of toothless jaws.
2. Determination of morphological features of the hard and soft tissues of the prosthetic bed.
3. manufacture of plate prostheses for partial defects of dental rows:
4. Organization of the workplace of an orthopedic dentist
5. Assessment of the condition of the mucous membrane of the prosthetic bed of toothless jaws:
6. Diagnosis, plan and tasks of orthopedic treatment.
7. Examination of the patient and special preparation for prosthetics in case of complete loss of teeth.
8. Orthopedic treatment for complete loss of teeth.
9. Prosthetics of patients with complete loss of teeth in one jaw.
10. Preparation of an individual spoon in the laboratory
11. Manufacture of the prosthesis base from plastic.
12. Oral hygiene of persons using removable dentures.
13. Classification of toothless jaws.
14. Methods of fixation and stabilization of complete removable plate prostheses
15. Clinical and technological stages of manufacturing complete removable dentures:
16. Removal of anatomical casts (impressions).
17. Devices that reproduce the movements of the lower jaw
18. Biomechanics of the mandible.
19. Clinical and laboratory stages of orthopedic treatment of dental defects with partial removable dentures
20. Clinical and laboratory stages of orthopedic treatment of dental defects with partial removable dentures
21. Methods of recording the movement of the mandible and their evaluation.
22. Anatomical and functional impressions.
23. Features of obtaining prints and models.
24. Plastering the models into the occludator. The technique of obtaining a compression impression.
25. Types of removable dentures.
26. Types and selection of artificial teeth.
27. Determination of the central ratio of the jaws.
28. Installing models in the articulator.
29. Features of dental placement in the prognostic and prognostic ratio of the jaws.
30. Checking the wax composition of dentures.
31. Violation of the continuity of the dentition,

32. Dental placement with a prognostic ratio of toothless jaws.
33. Dental placement with a prognostic ratio of toothless jaws.
34. Placement of teeth with a direct ratio of toothless jaws.

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## Program questions for intermediate certification № 2

1. Determination of the central ratio of the jaws with complete loss of teeth.  
Possible errors and complications
2. The location of the clasps in the plate prostheses and the technique of bending them
3. Check the design of the prosthesis.
4. Patient's adaptation to the prosthesis, recommendations
5. The method of manufacturing removable dentures with a metal and combined base
6. The method of manufacturing complete removable dentures with a soft lining.
7. The technician works on the model.
8. The essence of a removable denture with a soft lining.
9. The disintegration of the dentition and the appearance of functioning and non-functioning groups.
10. Features of manufacturing dentures for toothless jaws according to Herbst
11. Orthopedic treatment of dental row defects with dentures:
12. The first clinical stage of the manufacture of the denture: examination, diagnosis, preparation of a treatment plan, taking impressions
13. II clinical stage of manufacture of the denture: determination of bite height and central occlusion
14. The first laboratory stage of the manufacture of the denture: analysis of the quality of the anatomical impression, obtaining a working model, making a wax base
15. II laboratory stage of the manufacture of the denture: the participation of a dental technician in the construction of the frame of the denture, the manufacture of a fireproof model
16. The III clinical stage of the manufacture of the denture, checking the frame of the denture
17. IV clinical stage of manufacture of the denture, verification of the removable prosthesis design
18. The V clinical stage of the manufacture of the prosthesis, the application of the prosthesis, the control (re-) examination of the patient, the delivery of the prosthesis
19. The III laboratory stage of the manufacture of the denture, the final processing of the denture
20. IV laboratory stage of manufacture of the denture, replacement of the wax structure with a plastic one
21. Types of designs of removable supporting prostheses.
22. The basics of the prosthetic arm.

23. . Classification of clamps and the basics of their design.
24. The clamps of the Ney system.
25. Errors and complications in orthopedic treatment with dentures
26. Manufacture of a chain-cast denture frame
27. Parallelometer and determination of the ways of insertion and removal of the prosthesis in the oral cavity.
28. Evaluation of the effectiveness of prosthetics and recommendations for proper care of prosthetics.
29. Orthopedic treatment in the complete absence of teeth using dental implants.
30. Types of dentures on implants. Full implantation
31. Clinical and laboratory stages of prosthetics on implants.
32. Methods of prosthetics and fixation of removable dentures on implants.
33. Individual oral hygiene of patients with dentures on dental implants.
34. Mini-implants. Features of the prosthesis and its care.