

**Assessment tools for certification
in the internship "Internship practice: practice for obtaining professional skills and
professional experience (in orthopedic dentistry)"
for students of the educational program
specialist in the specialty 31.05.03 Dentistry,
direction (profile) Dentistry,
form of study resident
for the 2023-2024 academic year**

1. Intermediate certification in practice includes the following types of tasks: an interview for control questions, an assessment of the development of practical skills (abilities).

2. List of control questions for the interview

№	Questions for certification	Verifiable indicators of achievement of competencies
1.	Defects of dentition, their classification. Features of clinical examination of patients.	OPK-5.3.1, PC-2.3.1, PC-1.3.1
2.	Structural elements of the bridge prosthesis. Rules for preparing supporting teeth for various types of bridge prostheses.	OPK-5.3.1, PC-2.3.1, PC-1.3.1
3.	Justification of the choice of the bridge prosthesis design. The nature of the distribution of functional load on the supporting teeth.	PC-2.3.1, PC-1.3.1, OPK-5.3.1
4.	Solid cast bridge prostheses. Clinical and laboratory stages of manufacturing.	UK-1.3.2, OPK-1.3.2, PC-2.3.1, PC-1.3.1
5.	Metal-ceramic bridge prostheses. Clinical and laboratory stages of manufacturing.	UK-1.3.2, OPK-1.3.2, PC-2.3.1, PC-1.3.1
6.	Supply of bridge prostheses of various designs for supporting teeth. Criteria for assessing the quality of a bridge prosthesis:	UK-1.3.2, OPK-6.3.3
7.	Types of removable dentures and their structural elements. Boundaries of the base of a removable plate prosthesis.	OPK-5.3.1
8.	Methods of fixing removable dentures. Types of clasps and their components. The concept of klammernoi liniL..	OPK-5.3.1
9.	Application of all-ceramic inlays and veneers in the treatment of dental hard tissue defects (layer-by-layer application, injection molding, CAD/CAM technologies).	PC-2.3.1, PC-2.3.2, PC-2.3.3
10.	Clinical and laboratory stages of manufacturing a solid cast metal crown.	OPK-1.3.2, PC-4.3.1, PC-4.3.2, PC-4.3.3
11.	Metal-ceramic crowns. Features of dental preparation. Clinical and laboratory stages of manufacturing.	OPK-1.3.2, OPK-6.3.2, PC-4.3.1, PC-4.3.2, PC-4.3.3
12.	Components of the pin stump structure. Sequence of preparation of teeth for the pin-stump structure.	OPK-8.3.1, PC-2.3.1, PC-1.3.1
13.	Classification of root types. Simulation sequence a pin stump design with non-parallel channels using the direct inlay - in-inlay method.	OPK-5.3.1, PC-2.3.1, PC-1.3.1

14.	The concept of temporary fixation of crowns and bridges. Materials used.	PC-2.3.2
15.	Permanent fixation of bridges and crowns. Groups of fixing materials.	PC-2.3.2
16.	The sequence of removal of crowns: metal stamped, solid cast, solid cast with facing.	PC-2.3.1, PC-2.3.2
17.	Documentation of the orthopedic dentistry clinic. Medical history (outpatient card of a dental patient form 043.Y) – its structure, filling rules, and value.	OPK-11.1.1, OPK-11.1.2, OPK-11.2.1, OPK-11.2.2, PC-8.3.1, PC-8.3.2, PC-8.3.3, PC-9.3.1
18.	Examination of patients in the clinic of orthopedic dentistry.	UK-1.2.1, UK-1.2.2, UK-5.3.1, UK-5.3.2 UK-9.3.1, OPK-5.3.1, OPK-5.3.2, OPK-5.3.3, OPK-9.3.1, PC-6.3.1, PC-9.3.1
19.	Classification of the ratio of jaws according to A. I. Betelman. Determination of central occlusion and central jaw ratio.	OPK-5.3.1, OPK-9.3.1
20.	Devices that reproduce the movements of the lower jaw.	OPK-6.3.1
21.	Preparation of hard tissues of teeth: sequence, tools. Methods of anesthesia during preparation.	OPK-6.3.2, OPK-6.3.3
22.	Impression materials. Classification. Methods of obtaining anatomical impressions and criteria for assessing their quality.	OPK-6.3.2, OPK-6.3.3, PC-6.1.1, PC-6.1.2, PC-6.1.3, PC-6.2.2
23.	Indications and contraindications for the use of tabs. Requirements for the prepared tab cavity. Classification of carious cavities.	OPK-5.3.2, PC-1.3.1, PC-1.3.2
24.	Clinical and laboratory stages of making tabs: (inlay, onlay, overlay, pinlay). Materials and technologies.	OPK-6.3.2, OPK-8.3.1
25.	Artificial teeth, their types. Selection of artificial teeth. Indications for setting teeth "on the counter".	OPK-6.3.2, OPK-6.3.3
26.	Clinical stage of checking the design of a removable plate prosthesis (method and sequence of implementation). Possible errors identified at this stage, methods for their elimination.	OPK-6.3.2, OPK-6.3.3
27.	Stages and mode of plastic polymerization. Possible consequences of violations of the polymerization regime, their prevention.	OPK-6.3.2, OPK-6.
28.	Fitting and applying a removable plate prosthesis. Control of occlusal-articulatory relationships in all types of occlusion. Correction of removable dentures.	OPK-6.3.2, OPK-6.3.3
29.	Adaptation to orthopedic structures. Adaptation phases.	OPK-6.3.2, OPK-6.3.3
30.	Structural elements of the clasp prosthesis. Clamp system Ney's firms.	OPK-5.1.3
31.	Classification of toothless jaw atrophy (classification of Schroeder, Keller, V. Y. Kurlyandsky, A. I. Doynikov).	OPK-5.1.3

32.	Structure of the mucosa and its features in different areas of the prosthetic bed. Classification of the oral mucosa by Suppli.	OPK-5.1.3, OPK-9.3.1
33.	Mobility of the oral mucosa. The concept of transition fold, neutral zone.	OPK-9.3.1
34.	Compliance of the upper and lower jaw prosthetic bed mucosa. Classification of mucosal compliance.	OPK-5.1.3, OPK-9.3.1
35.	Methods of making individual spoons. Materials.	OPK-6.3.2, OPK-6.3.1, OPK-9.3.1
36.	Supply of individual spoons for the upper and lower jaws according to the Gerber-Gerbst tests. Getting a functional impression.	OPK-5.3.1, OPK-9.3.1
37.	The sequence of determining the central ratio of the jaws in the complete absence of teeth.	OPK-5.3.1, OPK-5.3.2
38.	Checking the wax structure of a removable plate prosthesis in the complete absence of teeth.	OPK-6.3.2, OPK-6.3.1
39.	Visual inspection and evaluation of a removable plate prosthesis in the complete absence of teeth. Application of a removable plate prosthesis in the complete absence of teeth in the oral cavity.	OPK-9.3.1, PK-2.3.1, PK-4.3.1
40.	Classification and general clinical manifestations of increasedoro dentalerasure. Principles of patient examination.	UK-1.3.1, OPK-5.3.1, PC-1.3.2
41.	The concept of geriatrics and gerontostomatology. Orthopedic treatment of elderly and senile patients with fixed and removable structures.	UK-1.2.3, UK-1.3.1, OPK-6.3.1.1, OPK-5.3.2
42.	Classification of periodontal diseases. Theory of functional pathology of the dentoalveolar system of Kurlyandsky.	OPK-5.3.1, OPK-5.3.2, PC-6.2.1
43.	Direct prosthetics. Advantages and disadvantages. The main stages of manufacturing direct prostheses.	OPK-5.3.2, PC-1.3.2
44.	Indications for the use of temporary splinting in periodontal diseases. Applied technologies.	OPK-5.3.2, PC-4.3.3
45.	Removable solid cast splints and prosthetic splints in the treatment of periodontitis.	PC-1.3.2, OPK-5.3.2, PC-4.3.3
46.	Fixed permanent splints for periodontal diseases.	PC-1.3.2, OPK-5.3.2, PC-4.3.3, OPK-9.3.1
47.	Selective polishing in periodontal diseases. Method of conducting.	OPK-5.3.2, OPK-9.3.1, PC-4.3.1
48.	Types of articulators. Device. The procedure for working with them. The facial arch. Device. The overlay algorithm.	OPK-5.3.1, OPK-6.3.1

3. Examples of practical skills assessment tasks

Verifiable indicators of achievement of competencies: OPK-6.3.2; OPK-6.3.3; OPK-9.3.1, PC-2.3.1; PC-4.3.1; PC-6.1.1, PC-6.1.2, PC-6.1.3, PC-6.2.2

1. Visual inspection and evaluation of a removable plate prosthesis in the complete absence of teeth. Application of a removable plate prosthesis in the complete absence of teeth in the oral cavity.
2. Impression materials. Classification. Methods of obtaining anatomical impressions and criteria for assessing their quality.

3. Protection of the production practice diary

The full fund of assessment tools for practice is available in the EIES of VolgSMU at the link (s):
<https://www.volgmed.ru/apprentice/kafedry/kafedra-ortopedicheskoy-stomatologii-s-kursom-klinicheskoy-stomatologii/faylovyy-menedzher/29671/>

<https://elearning.volgmed.ru/course/view.php?id=9091>

Considered at the meeting of the Department for Prosthetic dentistry with course of clinical dentistry "23"
May 2023, protocol No 10.

Head of the Department



V.I. Shemonaev