

**Internal regulations of the classes conducted
in the Department of Prosthetic Dentistry, Wrocław Medical University**
(Statement of the Head of the Department of Prosthetic Dentistry,
Wrocław Medical University)

In regard to the COVID-19 pandemic and the consequent restrictions and modification of the rules for conducting exercises, it is possible to change the regulations as a result of updating the regulations for preventing the growth of the pandemic.

Each student is obliged to get acquainted with the rules of health and safety at work in pandemic conditions.

1. Student should read the schedule of classes, lectures and seminars, posted on the notice board, before beginning of the classes.
2. The use and possession of electronic devices such as mobile phones and tablets during classes is completely forbidden.
3. The Student is obliged to arrive for classes on time in protective clothing and footwear.
4. During classes, student should be also provided with: a mask, disposable gloves, a protective cap and safety glasses.
5. Student should be theoretically prepared for each exercise in the topic of the course.
6. The obligatory and supplementary literature given in the schedule is available in the Main Library of the Wrocław Medical University
7. The conditions of getting the credits:
 - a. obtaining confirmation of participation in all practical and theoretical classes included in the schedule;
 - b. obtaining positive marks from all the exercise passing tests the schedule. The tests are carried out in writing, oral or test form;
 - c. failed exercises (theoretical and practical) must be retaken before the end of each semester;
 - d. any fail during classes must be improved within 14 days;
 - e. the data on the presence and marks obtained by the student should be evidenced in the individual student card;
 - f. obtaining a passing mark on the final test at the end of each semester;
 - g. all absences must be explained and made up in a given workout cycle
 - h. it is possible to make up classes with another assistant with another exercise group under the condition of receiving permission from the supervising assistant

7.1 Specific requirements for obtaining credit for 3rd year students :

By decision of the Rector, obtaining the credit for a course may performed by distance education techniques.

1. The credit for passing the theoretical knowledge from classes and lectures with the leading assistant. Oral answer or written test.
2. Receiving a credit for practical skills from the teaching assistant according to the individually performed work on phantoms.
3. Phantom works necessary for obtaining 3rd year credit (annual standard)

• **prosthetic crowns:**

- Grinding of tooth 36 for crown made of metal stepped and gingival ; making a protective crown for the pillar of tooth 36; taking an impression by using silicone elastomer; taking an impression by using alginate mass; determining and recording occlusion; setting models in an articulator, modeling the crown of 36 tooth from wax, making a stud and casting cone,

• **prosthetic bridges:**

-preparing of 14 and 17 teeth for bridge fabrication; impression of dental arch with silicone elastomer; casting of foldable plaster model; modeling of crowns and bridge span.

crown and root inlays:

-working of the tooth for the crown-root inlay; modeling of the crown-root inlay with wax using the indirect method; making of a standard fiberglass inlay, reconstruction of the stump of the crown of the tooth with the help of quick-polymerizing material

• **clinical and laboratory steps in the performance of complete dentures according to the Wrocław and classic methods:**

- making a customized tray; making functional impression for maxilla and mandible, rules for arrangement of artificial teeth according to Gysi and flat-topped teeth according to the Wrocław method

• **knowledge of how to use a parallelometer**

• **principles of designing clamps**

• **pressing thermoformable sheets on the plaster models**

4. All manual works on phantoms and phantom models are made individually, one of each.

7.2 Specific requirements for obtaining credit for 4th year students :

By decision of the Rector, obtaining the credit for a course may performed by distance education techniques.

1. The credit for passing the theoretical knowledge from classes, seminars and lectures with the leading assistant. Oral answer, written test or single-choice test.
2. Receiving a credit for practical skills from the teaching assistant according to the individually performed work on phantoms and clinical procedures.
3. Phantom works and clinical procedures necessary for obtaining 4th year credit (annual standard):

• **Active assist in the performance of clinical procedures**

- ability to perform the clinical steps necessary for the fabrication of crowns, inlays and bridges,
- grinding of the tooth for crowns and bridges, preparation of the tooth for an inlay
- taking precise impressions with one-step and two-step techniques,

- taking an anatomical impressions,
 - taking functional impressions on trays,
 - determining and registering the height of the occlusion in edentulous patients,
 - **phantom works required to complete the course**
 - Preparing a tooth for a metal-ceramic crown on the phantom,
 - preparation of teeth for a metal-ceramic bridge
 - establishing and recording short circuits on the phantoms,
 - scanning the dental arches on the phantoms,
 - designing simple restorations in CAD/CAM technique on the basis of the phantoms,
 - 4. All manual works on phantoms and phantom models are made individually, one of each.
 - 5. In clinical classes the work mentioned above is performed directly at the patient in teams of two, one as active assistants and other as preparator in turns.
- Each student should acquire these skills as a preparator and as an active assistant.

7.3 Specific requirements for obtaining credit for 5th year students :

1. The credit for passing the theoretical knowledge from classes, and seminars with the leading assistant. Oral answer, written test or single-choice test.
2. Receiving a credit for practical skills from the teaching assistant according to the individually performed clinical procedures.

3. Clinical procedures necessary for obtaining 5th year credit (annual standard):

• **clinical work performed independently (all clinical phases)**

- prosthetic crown - 2
- prosthetic bridge - 1
- crown-root inlay - 2
- complete dentures - 2 (one of each using the classic method and the Wrocław method)
- partial dentures - 2
- skeletal denture - 1 (performed as a demonstration for each clinical group)
- denture repair (adding a clamp, attaching a tooth, fixing the plate) - 1

4. **Passing of the final credit test.** (100 questions from Database of questions for the Medical-Dental Final Examination (LDEK)

A single-choice test with five possible answers, time to solve the test 1 minute per question, in total 100 minutes.

8. In order to take part in the colloquium of the final semester or year, it is necessary to successfully complete all classes and practical assignments included in the schedule of the given semester/year and to have positive marks from partial tests.

9. The following grading scale is used for final test:

- Very good (5,0) – 94% to 100%
- Above good(4,5) – 88% to 93%
- Good (4,0)– 81% to 87%
- Sufficiently good (3,5) – 74% to 80%
- Sufficient (3,0) – 66% to 73%
- Fail (2,0) – below 65%

10. The student has the right to access their own test for a period of 14 days from the date of the announcement of the results.

11. Failure to complete the exercise(s) required by the regulations by the end of classes leads to the failure to pass the course. It is permitted for a student to get an one-time additional term to pass the failed material before the end of the classes in a particular semester. The date of the additional credit term, upon written application of the student, is agreed by the assistant in cooperation with the Head of the Department.

12. The student who has failed to complete classes with an assistant due to a negative mark on the knowledge test has the right to appeal, within three days of receiving the mark, to the Head of the Department responsible for the course, who may order a commission exam. Exam is taking place before the Examination Commission which consists of: The Head of the Department of Prosthetic Dentistry, assistant of the course and another academic teacher conducting the course who acts as an examiner. At the student's request, the supervisor of the year and a representative of the student self-government may take part in the Examination Commission as observers.

13. A student who has to repeat a year and has obtained a credit for the course does not have to re-attend the course and obtain a credit for the course under the condition of achieving good grade (4.0).

14. **Rules for obtaining a grade for the Exam**

By decision of the Rector, Diploma Exam of Prosthodontics may be performed by distance education techniques.

The Diploma Exam of the subject Prosthodontics is composed of two parts: Practical Exam and Theoretical Exam.

14.1 **Practical exam**

The condition to take the practical exam - obtaining credits for clinical classes, including performing the above mentioned norms necessary to receive a credit, and passing the final credit test

The person who approves students to take the practical exam is an teacher conducting clinical classes.

The practical exam is carried out as a three-station stage , all necessary to receive a credit:

- a) assessment of the conditions for prosthetic treatment based on radiological survey (pantomographics x-ray)
- b) analysis of plaster models with missing teeth and evaluation (planning) of prosthetic treatment
- (c) performance of the clinical stage of prosthetic treatment on a randomly assigned patient

4. Student will take the practical exam only with adjuncts, excluding the person with whom he/she has practiced

14.2 **Criteria for passing the practical exam:**

(a) the student is able of evaluating the type and range of missing teeth, the condition of the bone base, the quality of potential pillar teeth, the correctness of potential endodontic treatment.

b) the student is able to assess the type and extent of missing teeth, the condition of the prosthetic base, the quality of potential pillar teeth, the correctness of potential endodontic treatment; can choose the correct prosthetic restoration for the diagnosed shortages, can correctly design the placement of brackets and other retention components; can provide at least two alternative treatment options.

c) the student is able to perform the entrusted task in a correct and proper way (also the attitude to the patient is evaluated) in accordance with the principles of medical art and ethics

14.3. Theoretical exam

1. The theoretical exam is conducted in an oral form before the Head of the Department of Prosthetic Dentistry, in the presence of at least one other teacher.
2. In order to take the final theoretical diploma exam student must receive positive grades from the final credit test and the practical exam.
3. The exam is composed of three randomly selected sets of questions.
4. Each set includes one question from Dental Materials, one from Laboratory Techniques, and one from Clinical Procedures of Prosthetic Restorations .
5. The student is granted the right to change the set of questions once, however, it results to lowering the final grade by 1.

14.4 The following grading scale will be used for credit assessment:

- a) very good - 5.0
- b) above good – 4.5
- c) good - 4.0
- d) sufficiently good – 3.5
- e) sufficient – 3.0
- f) fail – 2.0

14.5 Criteria for grade from the theoretical exam:

Very Good (5.0)

Achievement of the expected learning outcomes including all three disciplines of prosthodontics. Error-free answer to each question., taking into consideration modern reports on materials and methods.

Good Above (4.5)

Achievement of the expected learning outcomes including all three disciplines of prosthodontics. Obtaining at least good (4,0) grade at practical exam Satisfactorily answer for each question based on textbooks, lectures and seminars.

Good (4.0)

Achievement of the expected learning outcomes including all three disciplines of prosthodontics. Complete answer for each question or containing insignificant flaws.

Satisfactory Plus (3.5)

Achievement of the expected learning outcomes including all three disciplines of prosthodontics. Answering at least two questions correctly or answering three questions insufficiently. It is permissible to obtain a sufficient grade with one failing grade for a question from the set - the condition is to provide exhaustive answers to the remaining two questions (grade 5.0).

Satisfactory (3.0)

Achievement of the expected learning outcomes including all three disciplines of prosthodontics. Answering each question with significant errors or a complete answer for only two of the questions. It is permissible to obtain a sufficient grade with one failing grade for a question from the set - the condition is to provide complete answers to the remaining two questions (grade 4.0).

15. The date of the Diploma Examination in Prosthetic Dentistry is arranged by the year representative with the Head of Department of Prosthetics Dentistry.

16. Student who has obtained an average of marks of at least 4.5 years from exercises, seminars and tests from 3rd to 5th year in the series of classes in prosthetic dentistry, , may be exempt from the final exam at the assistant's request, upon the decision of the Head of the Department.

17. The final diploma exam will be given:

(a) at the first examination date in the form of a **practical and theoretical exam**

(b) the second examination date is provided as an oral exam during the makeup session

18. The student's written examination paper is stored with the Examiner for 2 years.

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