

DENTAL DISEASES I

Preclinical practical lessons, description and schedule

They are held in a preclinical exercise room at the basement of the Dental Clinic. The students are divided into three groups (up to 20 students per group). The course will take place in the winter semester: 10 exercises x 3 hours (total 30 hours). Exercises will be held on Wednesdays from 13.00 onwards. The exercises are mandatory. In case of absence (illness, etc.) the student will join one of the other two groups to complete the missing exercise.

The course requirements:

- working uniform
- protective glasses
- a set of acrylic teeth and drills

IMPORTANT NOTICE:

The burs and exercise teeth can be bought at the Faculty (manufacturer: Jota, Switzerland; price is cca. 150 EUR) or the foreign exchange ERAZMUS student is required to buy same or similar burs and compatible exercise teeth elsewhere.

Burs:

TUNGSTEN CARBIDE BUR C1.RA.018
TUNGSTEN CARBIDE BUR C1.RA.012
DIAMANT BUR 801.FG.016 blue
DIAMANT BUR 801.FG.010 blue
DIAMANT BUR 808L.FG.016 blue
DIAMANT BUR 808L.FG.010 blue
DIAMANT BUR 852G.FG.018 green
DIAMANT BUR 852G.FG.014 green
DIAMANT BUR 858F.FG.012 red
DIAMANT BUR 833F.FG.021 red
GATES GLIDDEN BUR 180GRF.19.RA.050
GATES GLIDDEN BUR 180RF.19.RA.070
UNIVERSAL SILICONE POLISHING BUR 9114M.RA.070 white
SILICONE POLISHING BUR 9113M.RA.050
BUR STAND

Exercise teeth:

Frasaco AG-3 WOK
Frasaco AG-3 WUK

- natural teeth in plaster jaws (the student is required to bring extracted teeth otherwise we will try to provide this teeth)

- box with instruments and acrylic jaws

The box will be provided by the Faculty of Medicine. The student will be provided with the box at the beginning of preclinical exercises. At the end of the exercises the box should be returned. The student expected to care for the instruments. The student will be required to replace the damaged instruments by new ones at the end of the exercises.

- note book
- notes from anatomy of teeth
- sketches of access preparations
- notes of the clinical procedures

- notes from lectures and exercises

The student is required to be punctual for the preclinical courses. The first 15 minutes of the course is free to prepare the working space and to finish the exercises from the previous courses. This is followed by instructions. The last 10 min course should be spent to clean the working place and instruments.

There must be no food or drink at the workplace. Use of gloves, masks and protective glasses during work is mandatory. We recommend to use the loupes. If the student needs a break during his work, he can leave the preclinical working room (for max. 10 min.) and then continue with his work.

Description of assessment of knowledge and skills during the practical lessons

A prerequisite for approach to preclinical courses is a good background knowledge of dental anatomy, good knowledge of instruments and devices, knowledge of access preparations, knowledge of the use of rubber dam and treatment procedures.

The student is required to prepare for the forthcoming course at home, as this will enable smooth high quality course and exercises. A student who will not prepare or will interfere with classes will have to leave the exercises. He or she will be later join other group to finish the exercise.

Knowledge and skills will be regularly evaluated with a score of 1-10.

Clean and orderly working space, 'sterile' work, attitude towards colleagues and assistant will also be assessed.

Before the final practical exam the student must have completed and passed all the required practical skills:

- amalgam filling class II. after Black
- composite filling class IV. after Black
- endodontic treatment of molar tooth (access cavity in the upper and lower molar, preparation, irrigation and obturation of three or more root canals)

The student can inspect his or her grades at any time. He or she can also fix up to three grades he or she got during the school year. Only the highest grades will be calculated in the final grade for this course.

The final grade from preclinical exercises is the average of the grade from the exercises during the year and the grades from the final exam. However, basic knowledge, clean and orderly working space, 'sterile' work, attitude towards colleagues and assistant can either increase or decrease the final grade.

Examination at the end of practical lessons

The final exam is carried out in the last two weeks of the semester. The first week is reserved for endodontics and the second week for fillings. One week before the exams, the student will be informed by the assistant on the exercises he or she will be required to do.

The assistant should assess every phase of the work. If the assistant does not see the phase, a negative grade will be given or the phase will have to be repeated.

Notes and books are not allowed during the final exam.

PRECLINICAL PRACTICAL LESSONS SCHEDULE, 2018/19

Exercise 1

3.10.2018

- Preparation for amalgam class II. after Black on enlarged plaster models of the teeth: molar tooth
- Preparation for amalgam class II. on acrylic or natural teeth: premolar or molar (MOD or OD or MO, depending on the student's skills).

Exercise 2

10.10.2018

- Lining the class II. cavities.
- Fitting dental matrices: ivory, bad and Walser matrices
- Final amalgam filling.

Exercise 3

17.10.2018

- Polishing amalgam fillings
- Preparation for composite class IV. after Black on natural teeth: incisor.
- Final composite filling class IV.

Exercise 4

24.10.2018

- Finishing works.

Exercise 5

7.11.2018

- Access cavity on lower molars
- Access cavity on upper molars

Exercise 6

14.11.2018

- root canal preparation: molar tooth

Exercise 7

21.11.2018

- root canal obturation: molar tooth

Exercise 8

28.11.2018

- Finishing works

FINAL PRACTICAL EXAM:

Exercise 9

5.12.2018

Part 1: ENDODONTICS

Exercise 10

12.12.2018

Part 2: FILLINGS