**KÖVETELMÉNYRENSZER**

**SEMMELWEIS UNIVERSITY**  
**FACULTY OF DENTISTRY** Department of Conservative Dentistry

**Name of subject:** CONSERVATIVE DENTISTRY AND ENDODONTICS, PRE-CLINICAL I-II  
**Type of subject:** compulsory/obligatory elective/elective (proper one should be underlined)  
**code:** FOKKFK183_1A, FOKKFK183_2A  
**credit value:** Cons Prop I.: 4, Cons Prop. II.: 4

**Lecturer of subject:** Dr. Tóth Zsuzsanna associate professor  
**Year:** 2019/2020

**The role of this subject:**  
This subject serves as the foundation of clinical teaching of conservative dentistry. The goal is to acquire a level of theoretical and practical knowledge that can be used to treat live patients. During practice the students learn:

- the types of instruments used and how to use them
- the main characteristics of dental materials used for restoring teeth and their use
- the basic rules of cavity preparation and their preparation
- the theoretical, practical steps of preparing inlays, onlays and the steps of preparing them in the dental laboratory
- the theoretical basics of endodontics
- the trepanation of the pulp chamber, the mechanical preparation of the root canal and the root canal obturation on extracted human teeth

**Detailed weekly curriculum:**  
This subject includes one theory a week and three hours of practice a week. During practice the task is to prepare cavities for direct and indirect restorations, amalgam fillings and composite fillings on plastic teeth in phantom heads. Students practice trepanation, root canal preparation and root canal obturation on extracted human teeth.

**CONSERVATIVE DENTISTRY AND ENDODONTICS, PRE-CLINICAL I.**

**Lectures**  
1. Goal of conservative dentistry, requirements. Propedeutics and its goals  
2. Anatomy of the teeth and the pulp  
3. Dental caries  
5. Instruments for preparing dental hard tissue and carious tissues and for finishing and polishing restorations  
6. Isolation (relative and absolute)  
7. Matrix systems and wedges  
10. Spring break
11. Treatment of root caries
12. Direct esthetic restorations (adhesive technique)
13. Preparing composite restoration in the posterior region
14. Preparing composite restoration in the anterior region
15. Temporary filling and their material

CONSERVATIVE DENTISTRY AND ENDODONTICS, PRECLINICAL II.

Lectures

1. Preparing for indirect restoration. Direct and indirect methods. Materials of indirect restorations
2. Tooth preparation for cast metal restorations and cementation
3. Tooth-coloured indirect restorations. (Ceramic, composite). Temporary filling. Cementation
5. Trepanation, extirpation. Instruments used in endodontics
7. Irrigant solutions and medication used in
13. Equipments in a dental office. Infection control
14. Consultation. Preparing for the exam

Requirements of participation and possibilities of absence remedy:
The presence at lectures and knowing the material covered by the lectures is necessary for a successful practice and a successful exam. Participation at practice is compulsory. More than 25% absence is not accepted under any circumstance. We cannot ensure a date to remedy any absence.
Number, topic, date of mid-semester tests, options for retake:

There will be a number of tests during the 2. semester of II. year and the first semester of III. year. The tests will include the material covered by the lectures. Requirements for getting a signature at the end of the semester is being constantly prepared theoretically and performing evenly in practice. The grades given for theory and practice must separately reach an average of 2.0. In the first semester of III. year: the condition of fulfilling the requirements for a successful semester is to pass the practice exam at the end of the semester. There are two chances to retake major tests and no chance for retake of the small tests.

The work done at practice is controlled and graded by the practice teacher.

Calculation of grades:

**Practical grades**: grades given at each practice by the practice teacher for theoretical knowledge and daily performance and the grades given for the small and big tests.

**Final exam**: Verbal exam by pulling a topic question (1 topic question has two parts, found on the homepage) and determining a human extracted tooth.

**Type of exam: Final exam**: requirements are the theoretical topics and practice topics of the two semesters

**Final exam requirements**: Verbal exam by pulling a topic question (1 topic question has two parts, found on the homepage) and determining a human extracted tooth.

**Registration for exam**: in the Neptun system

**Protocol for modifying exam registration**: According to updated requirements of the university and faculty in the Neptun system

**Verifying absence from examination**: Being absent from examination the Examination and Studies Regulations apply.

**LIST OF TEXTBOOKS**

ISBN 978-0-323-03009-0

A.Newbrun: Cariology Quintessence. ISBN 0867152052