

PRECLINICAL COURSE OF OPERATIVE DENTISTRY I. **LECTURE**

2013/2014, 1st semester, 3rd year, Dental students
Fall semester: 2 September – 7 December 2013

Place: Faculty of Dentistry, B Building, White Room
Time: Tuesday 9.00-10.00 (1 hour/week)
Exam: Evaluation (5)
Credit: 2

Date	Lecture	Lecturer
03. 09. 2013.	1. The topics of Operative Dentistry and its role in dental care. Anatomy of enamel, dentine and cement. Dental status.	Dr. Márk Antal assistant professor
10. 09. 2013.	2. The definition of caries, histology, pathology. Diagnostics.	Dr. Zsolt Zalai assistant lecturer
17. 09. 2013.	3. Principles of cavity preparation and design. Black's cavity classification and its modifications I-VI th class. Retention forms.	Dr. Helga Füzesi dentist
24. 09. 2013.	4. Structural pathology of teeth. Non-cariogenic laesions.	Dr. András Forster assistant professor
01. 10. 2013.	5. Materials for restoring tooth. Classification, indications.	Dr. Zsolt Zalai
08. 10. 2013.	6. Comparison of cavity preparation techniques. Contemporary cavity preparation and minimal invasive technique. Special cavity designs	Dr. Márk Antal
	Written demonstration – status – separate appointment	Dr. Márk Antal
15. 10. 2013.	7. The definition of cavity lining, and base. Goals and theory.	Dr. András Forster
22. 10. 2013.	8. Amalgam.	Prof. Dr. István Gorzó professor
29. 10. 2013.	9. The classification of filling materials. Cements, compomers, ormocers, GIC	Dr. Eszter Nagy resident
05. 11. 2013.	10. The adhesive technique	Dr. Márk Antal
12. 11. 2013.	11. The classification of composites. Chemical background.	Dr. András Forster
19. 11. 2013.	12. Written demonstration	Dr. András Forster
26. 11. 2013.	13. Cervical laesions, Vth class cavities, sandwich technique, direct veneers.	Dr. Zsolt Zalai
03. 12. 2013.	14. Fractionated caries elimination. Healing the injured pulp. Direct and indirect pulp capping. (Students will get this lecture in electronic form.)	Dr. Helga Füzesi

Recommended literature:

Summit J.B. et al. Fundamentals of Operative Dentistry, Quintessence Publ. Inc. 2006.

Conditions of accepting the semester:

- 1.) Active participation on lectures and practices, based on the study and exam regulations of the University. If a student misses more than 25% of the lectures the semester can't be accepted.
- 2.) Late, absence: If a student comes more than 15 minutes late, it is regarded as an absence. If the number of absences is more than 25 percent of the number of the practices in the semester, the subject cannot be accepted. If a student is late three times, it is equal with one missing.
- 3.) If a student misses between 15-25% of the practices a make up for the missed ones is obligatory. The appointment for the make up must be arranged with the practice leader and the head of the department within 8 days after the missing.
- 4.) All the tasks in the laboratory must be completed, the average of the practical grades must be at least 2.0 else the semester can't be accepted.
- 5.) There'll be two midterm written exams, in the 6th and 10th week. Both of them must be passed (grade 2) and the average (including the failed ones) must be at least 2.0 else the semester can't be accepted. It may be corrected only once. If a student is missing from a written exam the participation on the retake is obligatory. If a student is missing from the retake the semester can't be evaluated.
- 6.) Knowledge of selected references related to each topic, the average mark of all the tests should be ≥ 2.0 else the semester can't be accepted.
- 7.) The calculation of the grades at the end of the semester: practical grade: average of the practical work, at the end of the semester there'll be a practical exam wich counts double; theory grade: average of the midterm exams modified by the practical theory grades.

PRECLINICAL COURSE OF OPERATIVE DENTISTRY I. PRACTICE

2013/2014, 1st semester, 3rd year, Dental students
Fall semester: 2 September – 7 December 2013

Place: Faculty of Dentistry, Training Laboratory
Time: Thursday 8.00-11.00 (4 hours/week)
Exam: Term Mark
Credit: 1

Teachers: Dr. Zsolt Zalai assistant lecturer
Dr. Eszter Nagy resident

Date	Practice
05. 09. 2013.	1. Reception of instruments. Review of syllabus. The topics of Operative Dentistry. Maintaining the handpieces. The dental color code.
12. 09. 2013.	2. Types of burs, sizes. Hand instruments used in operative dentistry. Matrix systems and their usage. Black cavities, nomenclature.
19. 09. 2013.	3. Black. cl.I. preparation in artificial teeth. Learning the surface structures of teeth.
26. 09. 2013.	4. Practicing cavity preparation: Black cl. I., II. MO, OD, MOD (4)
03. 10. 2013.	5. Practicing cavity preparation from mirror: Black cl. I., II. MO, OD, MOD (4)
10. 10. 2013.	6. Practicing cavity preparation with high speed handpiece: Black cl. I., II. MO, OD, MOD (4)
17. 10. 2013.	7. Practicing cavity preparation: Black III., IV., V. (6)
24. 10. 2013.	8. Practicing cavity preparation from mirror: Black III., IV., V. (6)
31. 10. 2013.	9. Zinc-phosphate cement, glassionomer cement, adhesive systems, composites. Preparation and usage.
07. 11. 2013.	10. Black cl. II. base fillings. Black cl. V. cavity filling with composite and GIC.
14. 11. 2013.	11. Black cl. I. cavity fillings. Pulp capping.
21. 11. 2013.	12. Black cl. II. cavity fillings. Matrix systems.
28. 11. 2013.	13. Black cl. III. and IV. fillings. Finishing and polishing in practice.
05. 12. 2013.	14. Practical exam.

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