

Program of study : Dentistry

Course : Operative Dentistry 1

Abbreviation : ST1/ZAA35

Schedule : 15 hours of lectures
60 hours of practical trainings

Course Distribution : 4th year, 7th semester

Number of Credits : 0

Form of study : Lectures, practical trainings

Lectures:

Guarantor: Doc. MUDr. Květoslava Nováková, CSc.
Main lecturer: Stomatolog Yuliya Morozova, Ph.D.
Lecturers: Stomatolog Yuliya Morozova, Ph.D.
 Ing. Jana Smilková
 MDDr. Lucia Somolová

Study Wednesday 14.30–16.00 seminar room 2 (UZQ 101080)

| | Date | Topic | Hours | Lecturer |
|---|---|---|--------------|--------------------------|
| 1 | 14.9.2022 | Issues of clinical diagnosis of dental caries. Imaging techniques in operative dentistry. | 2,5 | Nováková/Morozova |
| 2 | 28.9.2022- STATE HOLIDAY CHANGE 14.9.2022 | Caries miniinvasive and microinvasive treatment – indications, procedure. Alternatives of classic preparation of hard dental tissues. | 2,5 | Nováková/Morozova |
| 3 | 12.10.2022 | Current techniques of cavity preparation. Dentin lesion protection. Current base and liners materials, calcium silicate cements. Current amalgam filling. | 2 | Nováková/Morozova |
| 4 | 26.10.2022 | Adhesion. Adhesive systems. Recommendations for clinical praxis. Common mistakes and their consequences. | 2 | Nováková/Smilková |

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| 5 | 9.11.2022 | Dental composites. Composition, properties. Classification, indications, contraindications. Procedures, instruments, shade selection. | 2 | Nováková/Morozova |
| 6 | 23.11.2022 | Glass-ionomer cements in clinical praxis: composition, properties, indications. Lamination. | 2 | Nováková/Morozova |
| 7 | 7.12.2022 | Differential diagnosis of odontogenic pain. Tooth crack syndrom. | 2 | Nováková/ Somolová |

Practical trainings:

Guarantor:

Doc. MUDr. Květoslava Nováková, CSc.

Supervising lecturer:

Stomatolog Yuliya Morozova, Ph.D.

Study: Wednesday continuous 7.30–12.00 and 13.00–14.15

| | Educational week | Topic | Hours |
|---|--|---|--------------|
| 1 | 14.9.2022 | Entrance examination. Patients preparation for restorative treatment. Anaesthesia. Treatment plan and its realization. Moisture control. | 7,5 |
| 2 | 28.9.2022 STATE HOLIDAY | Moisture control. | 7,5 |
| 3 | 12.10.2022 | Current methods of dental caries diagnostics. | 7,5 |
| 4 | 26.10.2022 | Preparation trauma, principles of gentle preparation. Dentin lesion protection. Current base and liner materials, calcium silicate cements. | 7,5 |
| 5 | 9.11.2022 | Amalgam filling in clinical praxis. Preparation technique and instruments. Procedure of central and compound cavities preparation and filling making. | 7,5 |
| 6 | 23.11.2022 | Composite resins in clinical praxis. Classification, indications, contraindications, treatment procedure, mistakes. | 7,5 |
| 7 | 7.12.2022 | Glass-ionomer cements in clinical praxis. Classification, indications, procedure, mistakes. Lamination. | 7,5 |
| 8 | 21.12.2022 | Complications of dental caries treatment, causes, prevention. Revision, knowledge inspection. Credit. | 7,5 |

Completed by:

Credit

Conditions for participation on practical trainings:

- 1) Entrance examination – examination of knowledge in the first practical training focused on the issues of operative dentistry
- 2) The student is required to come at least 10 minutes before the beginning of the practical exercise in order to prepare for practical exercises.
- 3) The student is required to attend practical exercises in clean, white working clothes and shoes. If she/he does not do so, she/he will be excluded from practicing with the necessity of substitution.
- 4) The use of mobile phone and other similar devices is prohibited in practical exercises. If a student breaks the rule, she/he will be excluded from practicing with the necessity of substitution.
- 5) If a student violates educational or ethical rules, he/she will be excluded from the practical exercise with the necessity of substitutions.
- 6) The student can miss only 1/3 of the compulsory education - with the necessity of apology to the teacher and substitution of the missed practical/seminar.
- 10% of the allowed absence without apology and substitution applies only to subjects where the practical training contains 10 or more practical exercises / seminars. However, it is recommended to apologize to the teacher in person / by email.
- 7) If the student does not have sufficient knowledge in the practical exercise, he/she will be excluded from the practical exercise with the necessity of substitution.

Requirements (for credit): 100% take part in practical trainings
Continuous knowledge inspection (oral exams, tests)
Check up of practical limits
Regular exam of manual skills (is required to obtain the credit)

According to the vice-dean direction LF – B-18/14 to the exam rules UP in Olomouc student can miss 1/3 of compulsory classes on condition of proper apology

Recommended literature:

Heymann, H. O., Swift, E. J. Jr., Ritter, A.V.: Sturdevant's Art and Science of Operative Dentistry, 6th Edition

Kenneth Hargreaves, Louis Berman. Cohen's Pathways of the Pulp Expert Consult. 11th Edition. Mosby, 2015

Mahmoud Torabinejad, Ashraf Fouad, Richard Walton. Endodontics. Principles and Practice. 5th Edition. Saunders, 2014