

**Program of study** : Dentistry

**Course** : Microscopic endodontics

**Abbreviation** : ST1/ZAB13

**Schedule** : 4 hours of seminars  
6 hours of practical trainings

**Course Distribution** : 3rd year, 6th semester

**Number of credits** : 1

**Course form** : Seminars, practical trainings

**Seminars :**

**Guarantor:** Doc. MUDr. Květoslava Nováková, CSc.

**Main teacher:** MDDr. Pavel Holík,  
Ph.D.

**Teachers:** MDDr. Barbora Novotná

**Study:** Continuous  
Tuesday 13.00–14.30 seminar room 3 UZQ203100

	<b>Date</b>	<b>Subject</b>	<b>Hours</b>	<b>Teacher</b>
1	<b>16.5.2023</b>	Introduction to microscopic endodontics. Description of magnifying techniques.	2	<b>Nováková/Novotná</b>
2	<b>23.5.2023</b>	Ergonomy. Work in indirect sight using magnifying techniques. Four handed work.	2	<b>Nováková/Novotná</b>

**Practical trainings :**

**Guarantor:** Doc. MUDr. Květoslava Nováková, CSc.

**Main teacher:** MDDr. Pavel Holík, Ph.D.

**Study:** Continuous  
Wednesday 13:00 – 15:15

	<b>Date</b>	<b>Subject</b>	<b>Hours</b>
1	17.5.2023	Description of surgical microscope. Principles of ergonomics using surgical microscope. Practice of patient examination.	3
2	24.5.2023	Hand and rotary shaping of root canal system using magnifying techniques.	3

**Completed by:** Credit

**Conditions for participation on practical trainings:**

- 1) The student is required to come at least 10 minutes before the beginning of the practical exercise in order to prepare for practical exercises.
- 2) 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.
- 3) 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.
- 4) If a student violates educational or ethical rules, he/she will be excluded from the practical exercise with the necessity of substitutions.
- 5) 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.
- 6) 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% participation in practical exercises  
 Continuous checking of knowledge.  
 Regular exam of manual skills (is required to obtain the credit)  
 Work in indirect field of view using a surgical microscope on tooth model.

According to Dean of Faculty of Medicine, LF – B-18/14 to study and test order in Olomouc in the semester the student

can substitute up to 1/3 compulsory education provided  
good excuses for missed hours

**Literature:**

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