

# **PRECLINICS OF CONSERVATIVE DENTISTRY**

**LECTURE COURSE:  
III course, VI semester**

**15 hours of lectures  
6 lectures x 2 hours  
1 lecture x 3 hours**

1. Irrigants and medications.
2. Obturation of root canal system.
3. Disinfection and sterilization.
4. Dental caries aetiology and pathogenesis.
5. Anatomy and physiology of the dental pulp and periodontium.
6. Examinations and tests in diagnosis and treatment planning of dental pulp and periodontium diseases.
7. Revision of all lectures. Final test.

## **PROGRAM OF EXERCISES:**

### **A. PRACTICAL TRAINING**

**III course, VI semester**

1. Endodontics. Endodontic anatomy and access cavity preparation. Instruments for endodontic treatment.
2. Access cavity preparation, pulp chamber opening, root canal working length determination.
3. Endodontic treatment on an extracted human tooth.
4. Endodontic treatment on two extracted single rooted human teeth –lateral condensation technique.
5. Endodontic treatment on two extracted human teeth – molars.
6. Endodontic treatment on two extracted human teeth – molars.
7. Cleaning and shaping of root canal system with Ni-Ti rotary instruments.
8. Cleaning and shaping of root canal system with Ni-Ti rotary instruments.
9. Endodontic treatment on an extracted human tooth.
10. Nonsurgical endodontic retreatment.
11. Restoration of endodontically treated tooth with post and core.
12. Repetitorium.
13. Repetitorium.

**14.** Practical exam.

**15.** Practical exam.

## **B. SEMINARS PROGRAM**

### **III course, VI semester**

- 1.** Composite materials obturations – instruments.
- 2.** Endodontic access cavity – purpose.
- 3.** Step-back technique for cleaning and shaping root canals.
- 4.** Obturation of root canals with cold lateral compaction.