

# **LECTURES DISCIPLINE “PREVENTIVE DENTISTRY” FOURTH YEAR, VII<sup>TH</sup> SEMESTER**

## **13 h lectures**

**5 lectures** (the duration of each lecture is 2 hours)

**1 lecture** (the duration of lecture is 3 hours)

### **I<sup>st</sup> lecture – 2 h.**

Preventive fissure sealing - types of sealants. Differential diagnosis between deep sound fissures and dental caries. Indications and contraindication for sealant application. Techniques. Remineralization as a prevention. New materials and methods.

### **II<sup>nd</sup> lecture - 2 h.**

Nutrition and diet in caries control. The role of nutritive substances in the development of hard and soft oral structures.

### **III<sup>rd</sup> lecture- 2 h.**

Sugar consumption. Carbohydrates consumption on oral ecosystem and dental plaque. Dietary advice for the prevention of dental caries.

### **IV<sup>th</sup> lecture -2 h.**

Caries and Periodontal Risk Assessment. Development of individual, group and community-based programs for primary preventive dentistry.

### **V<sup>th</sup> lecture -2 h.**

Oral-health promotion. Aspects, objects, strategies, methods. Health education. Oral-health programs for children in school and preschool age.

### **VI<sup>th</sup> lecture -2h.**

Prevention of oral diseases in children with special needs (medically compromised children).

**Program of exercises Discipline “Preventive Dentistry”  
IV course, VII<sup>th</sup> semester**

**14 hours exercises**

**7 exercises with duration of 2 h.**

**I<sup>st</sup>- exercise -2h.**

Exogenous fluoridation in caries prevention. Current methods and remedies using in children. Practical work/workshop.

**II<sup>d</sup> - exercise -2h.**

Preventive sealing of the fissures and caries remineralization therapy. Practical work/workshop.

**III<sup>d</sup>- exercise -2h.**

I part. Diet, nutrition, and the prevention of oral diseases - the role of nutrition substance in teeth, periodontal tissues and mucosa development. Set up of nutrition regime for children in different age groups different. Problem-based learning in foods and nutrition – home work.

**IV<sup>th</sup>- exercise -2h.**

II part. Diet, nutrition, and the prevention of oral diseases. Problem-based learning in foods and nutrition – presentations.

**V<sup>th</sup>- exercise -2h.**

Complex preventive programs – situational analysis. Indices. Caries risk assessment.

**VI<sup>th</sup>- exercise -2h.**

Set up of individual, group, and community health programs for dental prevention. Discussion of the theses set on subjects put in the beginning of preventive course - guidelines for final presentation.

**VII<sup>th</sup>- exercise -2h.**

**Practical exam.** It includes examination of a child, caries risk assessment. Set up of individual preventive program.

The course of “Prevention of oral diseases” will finish with final exam, which will be hold in regular examination session, after VII<sup>th</sup> semester. The exam is written and includes:

- Test
- Open question

**Practical work:**

In VII<sup>th</sup> semester the students must complete:

Take down and record of oral hygiene indices - 2 cases

Motivation for oral hygiene /program/ – 2 cases

Take down and record gingival and periodontal indices – 2 cases.

Caries risk assessment – 2 cases.

Professional oral hygiene - 2 cases

Fluoride prevention/ program/ - 2 cases

Topical fluoride therapy -2 cases

Pit and fissure sealants- 2 cases

Fissure sealing/preventive fillings – 1 case.

Set up of complex preventive program of a child – 2 cases.

Entire oral examination of child and oral health status record