

LECTURE PROGRAM IN CLINICAL PERIODONTOLOGY
4 YEAR – 8 (SUMMER) SEMESTER

DATA	TOPIC
1	<p>Pathomorphologic characteristics of gingivitis and periodontitis:</p> <ul style="list-style-type: none"> • Initial, early, clinically established gingival lesion • Progressive periodontal lesion • Clinical features of gingival inflammation in association with pathomorphological changes • Co-factors in the etiology and pathogenesis of periodontal disease
2	<p>Basic (clinical) diagnosis of periodontal diseases:</p> <ul style="list-style-type: none"> • Clinical examination in gingivitis and periodontitis • Clinical parameters, measurements and interpretation - probing depth in gingivitis and periodontitis, attachment loss, gingival recession, width of attached and keratinized gingiva, biologic width
3	<p>Additional diagnosis of periodontal diseases:</p> <ul style="list-style-type: none"> • Radiographic diagnosis of periodontal diseases - criteria for radiographic bone loss and progression of periodontitis. Limits. • Radiographic image of horizontal and angular bone loss and furcation lesions • Microbiological tests for the diagnosis of periodontitis, for the evaluation of therapy and for the detection/prediction of progression • Biochemical diagnostic markers in the gingival crevicular fluid
4	<p>Periodontal health Plaque-induced gingival diseases:</p> <ul style="list-style-type: none"> • Gingivitis associated with dental plaque only and other local additional factors • Plaque-induced gingivitis as a precursor of periodontitis • Plaque-induced gingivitis in reduced periodontium
5	<p>Plaque-induced gingival diseases, modified by systemic conditions:</p> <ul style="list-style-type: none"> • Related to the endocrine system - gingivitis associated with puberty (gingivitis pubertalis), gingival diseases associated with pregnancy (gingivitis gravidarum, pyogenic granuloma), gingivitis associated with menopause (gingivitis climacterica). • Effect of sex hormones on the microbial flora, vascular effects of hormones, influence on the immune response, the effect of sex hormones on gingival cells.
6	<p>Plaque-induced gingival diseases, modified by systemic diseases:</p> <ul style="list-style-type: none"> • Gingivitis associated with diabetes mellitus • Gingivitis associated with blood disorders. • Gingival diseases modified by medication - drug-influenced gingival enlargement, drug-induced gingivitis - gingivitis associated with oral contraceptives. • Gingival diseases modified by malnutrition - gingivitis associated with ascorbic acid deficiency <p>Gingival overgrowth</p>
7	<p>Necrotizing periodontal diseases: Necrotizing gingivitis. Necrotizing periodontitis. Necrotizing stomatitis. Guidelines for resolution</p>

PRACTICAL EXERCISES IN PERIODONTOLOGY

4 YEAR - 8 semester

(One exercise of 2 training hours every week = 30 hours)

1st exercise

Topic: Clinical assessment of the periodontium. Anamnesis, clinical evaluation. Diagnosis and registration of oral hygiene and gingival status. Documentation.

PRACTICAL TRAINING:

1. Reading, recording and interpretation of FMPS throughout the dentition.
2. Reading, recording and interpretation of FMBS throughout the dentition.

2nd exercise

Topic: Demonstration of working with ultrasonic devices and polishing devices.

PRACTICAL TRAINING:

1. Assessment of oral hygiene and gingival status.
2. Supragingival scaling.

3rd exercise

Topic: Basic and additional appliances for personal mechanical control of dental plaque and their application in healthy and diseased periodontium.

PRACTICAL TRAINING:

1. Assessment of oral hygiene and gingival status.
2. Supragingival scaling.

4th exercise

Topic: Controlled clinical brushing of teeth after discoloration of dental plaque.

PRACTICAL TRAINING:

1. Assessment of oral hygiene and gingival status.
2. Supragingival scaling.

5th exercise

Topic: Measurement of Probing Depth in gingivitis and periodontitis. Measurement of Clinical Attachment Level/Loss.

PRACTICAL TRAINING:

1. Measurement of Probing Depth throughout the dentition.
2. Measurement of Clinical Attachment Level/Loss.

6th exercise

Topic: Probing in the furcation areas in multi-rooted teeth. Measurement of gingival recessions. Measurement of attached gingiva. Grading of tooth mobility.

PRACTICAL TRAINING:

1. Measurement of Clinical Attachment Level/Loss.
2. Measurement of Gingival Recessions.

7th exercise

PRACTICAL TRAINING

1. Working with patients

8th exercise

Topic: Radiographic periodontal diagnosis, indications, diagnostic possibilities and interpretations.

PRACTICAL TRAINING

1. Working with patients.

9th exercise

Topic: Chemical dental biofilm inhibition.

PRACTICAL TRAINING

1. Working with patients.

10th exercise

Topic: Preparation of patients with systemic diseases and allergies for periodontal treatment. Referral to other specialists.

PRACTICAL TRAINING

1. Working with patients.

11th exercise

PRACTICAL TRAINING

1. Working with patients.

12th exercise

PRACTICAL TRAINING

1. Working with patients.

13th exercise

Topic: Stages in the diagnosis of periodontitis.

PRACTICAL TRAINING

1. Periodontal procedure with flap access - demonstration

14th exercise

PRACTICAL EXAM:

INSTRUMENTS AND INSTRUMENTATION IN PERIODONTOLOGY. DIAGNOSIS OF PERIODONTAL DISEASES

15th exercise

Topic: Clinical diagnosis of periodontitis.

PRACTICAL TRAINING

1. Working with patients.