**Preclinical periodontology**

**III Year**

**Introduction**

**Practical classes:(5x3 hrs. in Dental phantom room conditions and 2x3 hrs. in clinical conditions)**

1 Toothbrush construction(manual and electrical), brushing techniques, interdental spaces cleaning systems, tooth pastes- composition .Oral Hygiene TIPPS behavior strategy. Individualization of oral hygiene instruction

2 Periodontal hand tools, ergonomic scalers and curretes work techniques, fulcrums, grips. Curretes sharpening techniques.

3 Gracey’s and universal curretes work techniques.

4 Mechanical scalers - types, work technique, types of tips for scaling and root planning , advantages and disadvantages hand vs mechanical tools. Sanblasting supra- and subgingival, powder types.

5 Basics of periodontal examination. Periodontal probes. Periodontal Chart. Periodontal practice hazards-bioaerosols, post-exposure prophylaxis.

6 Clinical periodontal examination. Evaluation of the oral hygiene, Evaluation of the intensity and extent of inflammation, PD, CAL, REC, F, tooth movement evaluation, muco-gingival complex evaluation. Practical chart perform- periodontal chart in clinical conditions

**Interactive seminars ( 27.02.2018)**

1 Physiology and anatomy of periodontium.

2 Plaque and bacterial biofilm. Mechanism and its role in creating periodontitis .Dental deposits and its role in creating periodontitis.

3 Periodontal prophylaxis. Antiseptics- it’s role and importance.

4 The essence of basics periodontal supra and subgingival procedures.

5 Clinical periodontal examination. Basic periodontal indices.

**Practical classes**

**Dental phantom room conditions**

1 Oral hygiene instructions. Tooth brushing and interdental areas cleaning techniques. Tooth surfaces polishing with dental phantoms heads ( 2 quadrants)

2 Scalers and curretes construction. Supragingival scaling with hand scalers in front and side jaw segments with dental phantom heads ( 2 quadrants )

3 Hand SRP procedure with phantom heads( 4 quadrants - universal and graycey’s curretes)

4 Supragingival scaling with dental phantom head ( 1 quadrant), Mechanical SRP with phantom heads( 2 quadrants), sandblasters -working techniques, powder types, supragingival sandblasting with dental phantom heads( 1 quadrant)

5 Periodontal probes- types . PD, CAL, REC, F -measurements with dental phantom heads( practical test ) . Periodontal chard

**Clinical conditions**

6 Periodontal clinical examinations. oral hygiene evaluation(dental plaque discoloration),the intensity and extent of inflammation evaluation, periodontal measurements PD, CAL, REC, F, tooth movement evaluation, muco-gingival complex evaluation. Practical chart perform- periodontal chart in clinical conditions

7 Supragingival scaling - hand, mechanical and supragingival sandblasting(clinical conditions)

**Recommended course books**

1. Fundamentals of Periodontal Instrumentation. Advanced Root Instrumentation. 8 th edition.

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