

FACULTY OF DENTAL MEDICINE – SOFIA
DEPARTMENT OF ORTHODONTICS

LECTURE PROGRAM

5th year, 10th summer semester

- 1.** Tooth extractions in the orthodontic treatment planning.
- 2.** Role of the orthodontist in a complex treatment, part 1.
- 3.** Role of the orthodontist in a complex treatment, part 2.
- 4.** Collaboration between orthodontist and dental practitioner.
- 5.** Relapses after orthodontic treatment and their prevention. Retention period.
- 6.** Forces used in Orthodontics. Tooth movements. Orthodontic anchorage.
- 7.** Tissue changes during orthodontic treatment. Factors affecting tooth movement.
- 8.** Digital workflow in Orthodontics.

PRACTICAL EXERCISES PROGRAM

5th year, 10th summer semester

1. Demonstration and discussion of diagnostic methods: status and anamnesis; biometric and radiographic methods. Treatment control of patients.
2. Treatment control of patients (control radiographs, impressions and control models, if required). Case presentation (orthodontic analysis and treatment plan).
3. Orthodontic prevention during pregnancy, infancy and early childhood. Infants' and children' feeding; oral habits. Treatment options – discussion, instructions for further appointments, preparation of patients' problem list.
4. Orthodontic control and prevention in the school age. Prevention program developing and orthodontic problem severity assessment with evaluation card. Patient examination by the students in pairs.
5. Myofunctional therapy. Preventive appliances – individual and prefabricated.
6. Seminar – topic presentation: Multidisciplinary specialists' collaboration in cases with dento-facial deformities and clefts. Treatment control of secondary patients.
7. Seminar – topic presentation: Combined orthodontic-surgical treatment.
8. **Written seminar** – Indications for tooth extractions in the orthodontic treatment. Treatment control of patients.
9. Seminar – topic presentation: Collaboration between prosthodontist and periodontologist and the orthodontist during orthodontic treatment.
10. **Colloquium** – Development of the dental arches and the occlusion.
11. **Exam – Orthodontic prevention** – multiple choice test and clinical question. Duration: 60 minutes. Patients' records submission.
12. Case presentation (orthodontic analysis and treatment plan). Treatment control of secondary patients.
13. Clinical examination of patients and instructions for the summer period.
14. **PRACTICAL EXAM IN ORTHODONTICS.**
15. Clinical examination of patients and instructions for the summer period.