

Program of study : Dentistry

Course : Orthodontics 2

Abbreviation : ST1/ZAA33

Schedule : 15 hours of lecture
30 hours of seminars
15 hours of practical trainings

Course Distribution : 4th year, 7th semester

Number of Credits : 0

Course Form : Lectures, seminars, practical trainings

Lectures :

Garant : Prof.MUDr.Milan Kamínek,DrSc.

Study : Continuous, seminar room 2 (UZQ 101080) at Periodontic Department, Palackého 12. (14,30-16,00)

	Date	Topic	Hours	Lecturer
1	13.9.2022	Treatment planning in orthodontics, principles. Relocation. Indications of orthodontic extractions.	2,5	Dubovská
2	27.9.2022	Removable orthodontic appliances, indications.		Kamínek
3	11.10.2022	Fixed orthodontic appliances, elements, main biomechanical principles.	2,5	Špidlen
4	25.10.2022	Orthodontic treatment as an arrangement before prosthodontic rehabilitation.	2,5	Marek
5	8.11.2022	Cover bite. Angle Class II, Div. 2, treatment.	2,5	Dírer
6	22.11.2022	Stability and causes of instability after orthodontic treatment. Retention appliances.	2,5	Kučera
7	6.12.2022	Unerrupted canines. Diagnosis and treatment.	2,5	Dubovská

Seminars :

Garant : Prof.MUDr.Milan Kamínek,DrSc.

Study : Continuous, seminar room 2 (UZQ 101080) at Periodontic Department, Palackého 12. (16:15-18:00)

	Termín	Téma	Poč.hod.	Vyučující
1	13.9.2022	Serial extractions. Indication, contraindication, procedure.	2,5	Dubovská
2	27.9.2022	Open bite. Causes, types, treatment.		Kamínek
3	11.10.2022	Anchorage in orthodontics. Principles. Skeletal anchorage. Miniscrews.	2,5	Špidlen
4	25.10.2022	Lateral crossbite, treatment. Deep bite, its treatment.	2,5	Marek
5	8.11.2022	Agenesis of premolars. Treatment.	2,5	Dírer
6	22.11.2022	Orthodontic brackets, types, bonding. Orthodontic adhesives.	2	Pawlus
7	6.12.2022	Unerupted incisors. Diagnosis and treatment.	2,5	Dubovská

Practical trainings and seminars:

Garant : Prof.MUDr.Milan Kamínek,DrSc.

Study : Continuous, Palackého 12, Olomouc (seminar room 3 – 2nd floor UZQ203100) – 7,30-12,30. From 8.12.2022 practical trainings in the orthodontic department.

	Dates	Topic	Hours	Teacher
1	15.9.2022	Orthodontic loops on wires (practical bending). Photo pictures in orthodontics.	6,5	Lenochová/ Fudalej
	29.9.2022			Ptáčková
2	13.10.2022	Bends of I. order, Bends of II. order (practical bending)	6,5	Štefková
	27.10.2022			Štefková
3	10.11.2022	Diagnostic set-up (practice)	6,5	Štefková
	24.11.2022			Štefková / Fudalej
4	8.12.2022	Practical trainings in orthodontic department. Practicavit.	6,5	Vencková, Dostálová/ Fudalej
	22.12.2022			Ptáčková Konečná

Completed by:

Credit

Requirements:

100% participation in seminars and good knowledge with subject of seminars.

Literature:

Mitchell, L.: An Introduction to Orthodontics. 3rd ed. Oxford, Oxford University Press 2007. ISBN:978-0-19-856812-4 (£47.99)

Ireland, A.J., McDonald, F.: The Orthodontic Patient: Treatment and Biomechanics. Oxford, Oxford University Press 2003. ISBN:978-0-19-851048-2 (£40.00)

Cobourne, M.T., DiBiase, A.T.: Handbook of Orthodontics. 2nd Ed. St.Louis, Elsevier 2014. ISBN: 978-0-7234-3450-4 (\$ 84.95)