



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Complications of Orthodontic Treatment							
Course Code		ORD645		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Learning of complications that may be encountered in orthodontic treatment							
Course Content		Various complications of orthodontic treatment							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Nanda R S, Burstone C J. Retention and Stability in Orthodontics, W B Saunders Comp.1993.
2	Mc Neill,C:Science and practice of occlusion,Quintessence PublishingCo Inc Chicago, 1997.

Week	Weekly Detailed Course Contents	
1	Theoretical	Negative factors encountered in different approaches of treatment and retention
2	Theoretical	Negative factors encountered in different approaches of treatment and retention
3	Theoretical	Negative factors encountered in different approaches of treatment and retention
4	Theoretical	Possible iatrogenic effects of different factors and age
5	Theoretical	Possible iatrogenic effects of different factors and age
6	Theoretical	Possible adverse effects of orthodontic treatment to TMJ
7	Theoretical	Possible adverse effects of orthodontic treatment to TMJ
8	Theoretical	Long-term effects on periodontal tissues of different treatment techniques
9	Theoretical	Long-term effects on periodontal tissues of different treatment techniques
10	Theoretical	Factors influencing root resorption
11	Theoretical	Factors influencing root resorption
12	Theoretical	The adverse effects of treatment on facial appearance
13	Theoretical	The adverse effects of treatment on facial appearance
14	Theoretical	The adverse effects of treatment on facial appearance

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	0	12	24
Individual Work	4	0	7	28
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Possible adverse effects of orthodontic treatment to TMJ
2	Long-term effects on periodontal tissues of different treatment techniques.
3	Factors influencing root resorption.



4	The adverse effects of treatment on facial appearance.
5	Knows what to do at teeth with ankylosis

Programme Outcomes (Orthodontics Doctorate)

1	Must know the transition procedure from primary dentition to permanent dentition, tooth eruption guidance, the precautions for tooth absence and bad habits.
2	May be able to diagnose the orthodontic malocclusion and able to present treatment alternatives for the case.
3	May be able to apply the analysis necessary for diagnosis, such as cephalometric analysis and model analysis and must know the occlusion.
4	Must know the orthodontic tooth movement, the force necessary for the tooth movement, and be able to take the precautions according to the unwanted tooth movements.
5	Must be able to diagnose the functional malocclusions and apply functional appliances.
6	Must be able to apply fixed treatment techniques used in our clinic such as edgewise, Roth, Alexander, MBT
7	Must be aware of the new treatment techniques and improvements in orthodontics.
8	Must know how the craniofacial complex develops and be able to follow the patient's development and growth.
9	Must be able to know how to apply removable appliances and their fabrication and their effects.
10	Must know about the retention period for the patient in order to keep the treatment results stable.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P2	3	2	2	2
P3	4	3	3	
P4	2	3	5	
P5	3	2	2	4
P7	2	3		
P8	3	2	2	5
P10	2	5	3	

