



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Preventive and Interceptive Orthodontic Treatments							
Course Code		ORD631		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Aimed to explain arch discrepancies. Space maintainers, and guidance of eruption							
Course Content		It includes the factors that causes arch length loss, early interventions in mixed dentition, space maintainers, and tooth eruption guidance							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Subtelny JD. Early orthodontic treatment. Quintessence, 2000.
2	Proffit WR, Sarver DM. Contemporary orthodontics. St. Louis: Mosby Inc., 2006.

Week	Weekly Detailed Course Contents	
1	Theoretical	Importance of preventive and interceptive treatment
	Practice	Importance of preventive and interceptive treatment
2	Theoretical	Problems in mixed dentition
	Practice	Problems in mixed dentition
3	Theoretical	Interventions in mixed dentition
	Practice	Interventions in mixed dentition
4	Theoretical	Space maintainers
	Practice	Space maintainers
5	Theoretical	Space gaining methods in maxilla and mandible
	Practice	Space gaining methods in maxilla and mandible
6	Theoretical	Treatment in cases with missing teeth
	Practice	Treatment in cases with missing teeth
7	Theoretical	Crowding in mixed dentition and orthodontic intervention
	Practice	Crowding in mixed dentition and orthodontic intervention
8	Practice	Mid-term exam
	Intermediate Exam	Mid-term exam
9	Theoretical	Guidance of eruption
	Practice	Guidance of eruption
10	Theoretical	Serial extraction
	Practice	Serial extraction
11	Theoretical	Indications and contraindications for serial extraction
	Practice	Indications and contraindications for serial extraction
12	Theoretical	Application of serial extraction
	Practice	Application of serial extraction
13	Theoretical	Problems in serial extraction applications
	Practice	Problems in serial extraction applications
14	Theoretical	Posterior cross bite
	Practice	Posterior cross bite
15	Theoretical	Final Exam



15	Practice	Final Exam
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Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Individual Work	2	0	11	22
Midterm Examination	1	9	2	11
Final Examination	1	9	2	11
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Knows the importance of preventive and interceptive treatment.
2	Has knowledge about preventive and interceptive interventions
3	Makes eruption guidance.
4	Knows space maintainer and their applications.
5	can do space maintainer

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
P1	5	5	5	5
P2	3	3	3	3
P3	4	4	4	4
P7	3	3	3	3
P9	3	3	3	3

