



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Transversal Anomalies and Treatment							
Course Code		ORD624		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To teach the the etiology and diagnosis of the unilateral, bilateral and circular crossbites and the treatment approaches.							
Course Content		The etiology of the unilateral, bilateral and circular crossbite, early diagnosis and treatment approaches.							
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	Proffitt W. R and Fields H. W., 1999; Contemporary Orthodontics., Mosby, US.
2	Graber T. M, Vanorsdall R, Vig K. 2005; Orthodontics Current Principles and Techniques, Mosby, US.

Week	Weekly Detailed Course Contents	
1	Theoretical	Etiology of transversal anomalies
2	Theoretical	Etiology of transversal anomalies
3	Theoretical	Diagnosis of transversal anomalies
4	Theoretical	Diagnosis of transversal anomalies
5	Theoretical	Transversal growth and growth prediction
6	Theoretical	Growth modification
7	Theoretical	Unilateral, bilateral and circular crossbites
8	Intermediate Exam	Mid-term exam
9	Theoretical	Treatment approaches of transversal anomalies
10	Theoretical	Treatment approaches of transversal anomalies
11	Theoretical	Treatment approaches of transversal anomalies
12	Theoretical	Retention principles of treatment
13	Theoretical	The evaluation of treatment results (Case analysis)
14	Theoretical	The evaluation of treatment results (Case analysis)
15	Theoretical	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	3	0	14	42
Assignment	2	0	9	18
Individual Work	7	0	10	70
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Students who have successfully completed this course learn to accurately diagnose the transversal malocclusions.
2	Has knowledge about etiological factors of transversal malocclusions.



3	Has knowledge about growth prediction and transversal growth control methods.
4	knows rapid maxillary expansion
5	can do slow maxillary expansion

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
P2	4	4	4
P8	4	4	4

