AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Retention Treatment and Relapse						
Course Code	ORD646		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	To learn reasons of relaps and retention treatment						
Course Content	Orthodontic movement and relaps, reasons of relaps, retention , retention appliances						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case 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	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	Orthodontic movement and relaps
2	Theoretical	Muscles, perıodontal atachment, soft tissue and relaps
3	Theoretical	Reasons of relaps
4	Theoretical	Relationship between Relaps and orthodontic diagnosis and treatment planning
5	Theoretical	Relationship between Relaps and treatment
6	Theoretical	Relationship between Relaps and extraction-nonextraction cases
7	Theoretical	Relationship between Relaps and fixed-functinal treatments
8	Theoretical	Relationship between Relaps and count down to retention period
9	Theoretical	Relationship between Relaps and retention period
10	Theoretical	Retention appliances
11	Theoretical	Relationship between Relaps and occlusion
12	Theoretical	Anatomic occlusion
13	Theoretical	Functional occlusion
14	Theoretical	Occlusal Therapy

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	2	0	14	28
Individual Work	6	0	10	60
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	Relaps occurred in different types of abnormalities and treatment approaches.
2	Differences occurred after retention period
3	Long term relaps

4	Gaining basic knowledge to get more successful results of treatment
5	knows retention appliances

Programme Outcomes *(Orthodontics Doctorate)*

1	Must know the transition procedure from primary dentition to permanent dentition, tooth eruption guidance, the precausions for tooth absence and bad habbits.
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 orthdontic tooth movement, the force necessary for the tooth movement, and be able to take the precausions 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 developes 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	2			4
P2	2	2	3	4
P3	2	2	2	4
P4	2	3		4
P5	2			4
P6	3			4
P7	3			4
P8	3		2	4
P9	3			4
P10	5	5	5	5