

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
RESONANT DISOR.: ADVANCED STUDIES in CLEFT PALATE and CRANI. ANOM.	DKTY1138820	Fall Semester	2+2	3	6
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Second Cycle (Master's Degree)				
Course Type	Elective				
Course Coordinator					
Name of Lecturer(s)					
Assistant(s)					
Aim	The objective of the course is to provide students with knowledge of craniofacial syndromes that can cause resonance disorders and of how to respond to these issues in teamwork.				
Course Content	This course contains; 1st Week: Normal craniofacial anatomy,2nd Week: Genetic characteristics in craniofacial syndromes,3rd Week: Frequently observed anomalies in craniofacial syndromes I,4th Week: Frequently observed anomalies in craniofacial syndromes II,5th Week: Frequently observed craniofacial syndromes,6th Week: ENT malformations related with craniofacial anomalies,7th Week: Resonance disorders: definition and differential diagnosis,8th Week: Assessment of resonance disorders,9th Week: Instrumental assessment in resonance disorders,10th Week: Speech problems that may be caused by resonance disorders,11th Week: Student presentations: surgical intervention in resonance disorders,12th Week: Prosthetic intervention in resonance disorders,13th Week: Speech therapy in resonance disorders,14th Week: Overview.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Establish a connection between anatomy and speech.			12, 16		
Define speech characteristics connected with cleft lip and palate and acquire knowledge of current intervention methods.			16, 9		
Knowledge about the team work.			4		
Acquire knowledge about team work.			4		
Know the syndromes associated with the cleft lip and palate.			14, 9		
Know the classification of cleft lip and palate.			16, 9		
Explain the low tech assessment methods.			6		
Explain the high tech assessment methods.			6, 8		
Explain the ENT malformations associated with craniofacial syndromes.			13, 14, 9		
Know the embryology of the cleft and lip palate.			14, 9		
Teaching Methods	12: Problem Solving Method, 13: Case Study Method, 14: Self Study Method, 16: Question - Answer Technique, 4: Inquiry-Based Learning, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method				
Assessment Methods					
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	1st Week: Normal craniofacial anatomy				
2	2nd Week: Genetic characteristics in craniofacial syndromes				
3	3rd Week: Frequently observed anomalies in craniofacial syndromes I				
4	4th Week: Frequently observed anomalies in craniofacial syndromes II				
5	5th Week: Frequently observed craniofacial syndromes				
6	6th Week: ENT malformations related with craniofacial anomalies				
7	7th Week: Resonance disorders: definition and differential diagnosis				
8	8th Week: Assessment of resonance disorders				
9	9th Week: Instrumental assessment in resonance disorders				
10	10th Week: Speech problems that may be caused by resonance disorders				
11	11th Week: Student presentations: surgical intervention in resonance disorders				
12	12th Week: Prosthetic intervention in resonance disorders				
13	13th Week: Speech therapy in resonance disorders				
14	14th Week: Overview				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources
PowerPoint slides.Kummer, A. (2013). Cleft Palate & Craniofacial Anomalies: Effects on Speech and Resonance, 3rd Edition.
Howard, S., Lohmander, A., (2011) Cleft Palate Speech: Assessment and Intervention.
Damak yarığı ve kraniofasial sendromlarla ilişkili bilimsel dergiler