

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
ADVANCED TECH. STUDIES in REZ. DIS. : EPG, NASOMETER, NASO ENDOSCPY, ULTRASOUND	DKTY1265470	Spring 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 aim of the course is to have knowledge about craniofacial syndromes that may cause resonance disorders and to know how to evaluate and intervene in these problems with the use of advanced technological tools.					
Course Content This course contains; 1st Week: Frequently observed anomalies in craniofacial syndromes I,2nd Week: Frequently observed anomalies in craniofacial syndromes II,3rd Week: ENT malformations related with craniofacial anomalies,4th Week: Resonance disorders: definition and differential diagnosis,5th Week: Assessment of resonance disorders,6th Week: Non-instrumental evaluation of resonance disorders,7th Week: Instrumental assessment in resonance disorders,8th Week: Instrumental assessment in resonance disorders,9th Week: Instrumental assessment in resonance disorders,10th Week: Advanced technological studies in instrumental evaluation of resonance disorders,11th Week: Student presentations: speech problems that may be caused by resonance disorders,12th Week: Student Presentations: Advanced technological studies in intervention in resonance disorders,13th Week: Advanced technological studies in resonance disorders - case study,14th Week: Overview.					
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Uses and interprets the nasometer according to the application steps.			16, 4, 9		
Uses and interprets electropalatography according to its application steps.			16, 4, 9		
Uses and interprets nasoendoscopy according to its application steps.			16, 4, 9		
Uses and interprets ultrasound for visual feedback in therapy.			16, 4, 9		
Explains current intervention methods.			10, 16, 19, 9		
Explain the low tech assessment methods.			16, 9		
Explain the high tech assessment methods.			16, 9		
Defines speech characteristics connected with cleft lip and palate and acquire knowledge of current intervention methods.			10, 16, 9		
Teaching Methods			10: Discussion Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 4: Inquiry-Based Learning, 9: Lecture Method		
Assessment Methods					
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	1st Week: Frequently observed anomalies in craniofacial syndromes I	Reviewing weekly course contents and having some ideas about the course.			
2	2nd Week: Frequently observed anomalies in craniofacial syndromes II	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
3	3rd Week: ENT malformations related with craniofacial anomalies	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
4	4th Week: Resonance disorders: definition and differential diagnosis	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
5	5th Week: Assessment of resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
6	6th Week: Non-instrumental evaluation of resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
7	7th Week: Instrumental assessment in resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
8	8th Week: Instrumental assessment in resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
9	9th Week: Instrumental assessment in resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
10	10th Week: Advanced technological studies in instrumental evaluation of resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
11	11th Week: Student presentations: speech problems that may be caused by resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
12	12th Week: Student Presentations: Advanced technological studies in intervention in resonance disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
13	13th Week: Advanced technological studies in resonance disorders - case study	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
14	14th Week: Overview	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
Evaluation Methods			Weight(%)		
Midterm Exam			50		
General Exam			50		

Graduate School of Health Sciences / Speech and Language Therapy M.S (without thesis)
2023 - 2024 Academic Year
ADVANCED TECH. STUDIES in REZ. DIS. : EPG, NASOMETER, NASO ENDOSCPY, ULTRASOUND
Syllabus

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 yarıđı ve kraniofasiyal sendromlarla iliřkili bilimsel dergiler