Course Syllabus

Code - Course Title	**DKT339 - Introduction to Swallowing Disorders**
Course Type	V. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ EREN BALO

Mode of Delivery	Face to face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	DKT104ANA129ANA131DKT207
Courses Recomended	DKT104ANA129ANA131DKT207
Recommended Resources	Logemann, J. A (1998) Evaluation and Treatment of Swallowing Disorders (2nd Ed.). Pro Ed: Austin Texas.Groher, M. E., & Crary, M. A. (2021). Dysphagia: Clinical management in adults and children (3rd ed.). Elsevier.
Work Placement	None applicable
Aims of the Course	The aim of this course is to ensure that students comprehend the anatomical, physiological, and neurological foundations of the normal swallowing process, and to provide them with knowledge regarding the definition, etiology, clinical characteristics, and manifestations of swallowing disorders across various disorder groups. Furthermore, the course aims for students to recognize swallowing disorders associated with neurological diseases, head and neck cancers, and other clinical conditions; to evaluate the effects of swallowing disorders on an individual's nutrition, health, and quality of life; and to understand the importance of a multidisciplinary approach to these disorders.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	Introduction to swallowing disorders, normal swallowing, and swallowing terminology	Lecture, Question & Answer, Discussion
Week - 2	**LO-1**	Anatomy and physiology of swallowing, muscles of the palate and tongue	Lecture, Question & Answer, Discussion
Week - 3	**LO-1**	Anatomy and physiology of swallowing, muscles of mastication, larynx, pharyngeal muscles	Lecture, Question & Answer, Simulation
Week - 4	**LO-1** **LO-2**	Phases of swallowing and phase-specific swallowing problems and their causes	Lecture, Question & Answer, Discussion, Simulation
Week - 5	**LO-2**	Neural Control of Swallowing, relevant cranial nerves	Lecture, Simulation
Week - 6		Mid term exam	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 7	**LO-2** **LO-3** **LO-4**	Neurogenic Swallowing Disorders I (Based on the Affected Area)	Lecture, Question & Answer, Discussion, Role Playing/Dramatization
Week - 8	**LO-2** **LO-3** **LO-4**	Neurogenic Swallowing Disorders II (By Disease and Disorder)	Lecture, Question & Answer, Discussion
Week - 9	**LO-3** **LO-4**	Swallowing Disorders Observed in Head and Neck Cancers	Lecture, Question & Answer, Discussion
Week - 10	**LO-3** **LO-4**	Esophageal Swallowing Disorders (Achalasia, stenosis, GERD, Zenker's Diverticulum)	Lecture, Question & Answer, Discussion, Concept Mapping
Week - 11	**LO-3** **LO-4**	Pediatric Swallowing Disorders, Development of Feeding Skills in Infants, Reflexes, Pediatric Anatomy and Differences from Adults	Lecture, Question & Answer, Discussion, Simulation
Week - 12	**LO-3** **LO-4** **LO-5**	Pediatric Swallowing and Feeding Disorders (Diseases and Disorders)	Lecture, Question & Answer, Discussion
Week - 13	**LO-5** **LO-6**	Multidisciplinary Approach to Swallowing Disorders and the Responsibilities of SLTs	Lecture, Discussion, Case Study, Simulation
Week - 14	**LO-5** **LO-6**	Case Studies	Lecture, Question & Answer, Discussion, Case Study, Problem Solving, Role Playing/Dramatization

Learning Outcomes

#	Learning Outcome
1	Explains the anatomical and physiological components of swallowing.
2	Explains the neuroanatomical and neurophysiological foundations of chewing and swallowing.
3	Differentiates the etiological factors associated with swallowing disorders.
4	Defines and classifies swallowing disorders.
5	Explains the characteristics of swallowing disorders associated with different diseases and clinical conditions.
6	approach to dysphagia with multidisciplinary perspective.

Sustainable Development Goals

✓ Health and Quality of Life ✓ Quality Education ✓ Reducing Inequalities

Course Theme

✓ Health Sciences and Medical Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	3.00	3	9
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	1.00	2	2
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	10.00	3	30
Final Sınavı Hazırlığı (sınav süresi dahil)	12.00	3	36
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**3.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Multiple Choice Test

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**