

COMMUNICATION DISORDERS OF LARYNGECTOMIZED PATIENTS

(1) GENERAL

SCHOOL	HEALTH SCIENCES		
ACADEMIC UNIT	SPEECH LANGUAGE THERAPY		
LEVEL OF STUDIES	Undergraduate Program (Level 6)		
COURSE CODE	slt – 66	SEMESTER	6
COURSE TITLE	Communication Disorders of Laryngectomized Patients		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		WEEKLY TEACHING HOURS	CREDITS
Lectures		2	4
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Special Background		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)	https://moodle.ioa.teiep.gr/course/index.php?categoryid=11		

(2) LEARNING OUTCOMES

<p>Learning outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i>
<p>This course is introductory in head and neck carcinomas and the communication disorders that arise from them. Students learn about etiology, risk factors and classification of different types of tumors (TNM classification). In addition, the students learn about medical interventions (chemotherapy and/or radiotherapy as well as total and/or partial laryngectomy). Additionally, there is an introduction to the basic speech and language rehabilitations after chemotherapy and/or radiation therapies as well as after total and/or partial laryngectomy.</p> <p>Through the course, the role of the speech language therapist/pathology and the role of the interdisciplinary team is defined in accordance to prevention, evaluation/diagnosis and therapeutic intervention of the disorders after laryngectomy. Finally, reference is made to the</p>

three basic therapeutic methods of speech therapy (electrolarynx, tracheoesophageal speech and esophageal speech) and counseling.

Upon successful completion of the course, the student will be able to:

- Recognize, describe and understand the terminology, for head and neck carcinomas as well as the purposes and methods of Speech Pathology and Medical Intervention in People with Cancer. (Levels 1 & 2: Knowledge/Remembering & Understanding)
- discriminate every diagnostic and therapeutic approaches of communication disorders due to carcinomas before and after Medical Intervention. (Levels 2-6: Understanding, Applying, Analyzing, Creating & Evaluating)
- evaluate and analyze the clinical data by the end of each session and re-adjust the long-term and short-term goals for laryngectomized patients. (Levels 2-6: Understanding, Applying, Analyzing, Creating & Evaluating)
- Be aware of the speech-therapy intervention and techniques for the communication disorders of laryngectomized patients. To synthesize and customized therapeutic protocols and to apply proper rehabilitation programs through short and long-term therapeutic goals. (Levels 1 to 6: Knowledge/Remembering, Understanding, Applying, Analyzing, Creating & Evaluating)
- Work/Collaborate with other experts during intervention and to aware his/her role within the interdisciplinary team. (Levels 3-6: Applying, Analysing, Creating & Evaluating)

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>
<i>Decision-making</i>	<i>Respect for the natural environment</i>
<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Team work</i>	<i>Criticism and self-criticism</i>
<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>	<i>.....</i>
<i>Production of new research ideas</i>	<i>Others...</i>
	<i>.....</i>

<ul style="list-style-type: none"> • <i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i> • <i>Adapting to new situations</i> • <i>Decision-making</i> • <i>Working independently</i> • <i>Team work</i> • <i>Working in an interdisciplinary environment</i> 	<ul style="list-style-type: none"> • <i>Production of new research ideas</i> • <i>Respect for difference and multiculturalism</i> • <i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i> • <i>Criticism and self-criticism</i> • <i>Production of free, creative and inductive thinking</i>
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(3) SYLLABUS

1. Introduction to Head and Neck Cancer (Etiology, Risk Factors and Classifications).
2. SLP disorders due to Head and Neck Cancer

3. Diagnostic Protocols and Procedures of Laryngeal Cancers.
4. SLP Intervention and Treatment of Beginning Mass Lesions.
5. Medical Intervention and Treatment of Laryngeal Cancers – Surgeries.
6. Communication Disorders after Laryngectomy.
7. Voice Disorders after Laryngectomy.
8. Swallowing Disorders after Laryngectomy.
9. Medical Intervention and Treatment of Laryngeal Cancers – Radiation Therapy, Chemotherapy and Other Therapeutic Approaches.
10. SLP disorders after Radiation Therapy and/or Chemotherapy
11. Intervention and Treatment After Laryngectomy – Electrolarynx.
12. Intervention and Treatment After Laryngectomy – Tracheo-esophageal Speech.
13. Intervention and Treatment After Laryngectomy – Esophageal Speech.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of audio-visual methods (e.g. PowerPoint presentations) Support the learning process through the e-class platform.	
TEACHING METHODS <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i> <i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	Activity	Semester workload
	Lectures	26
	Essay Writing	23
	Personal Study/Evaluation	51
	Course total	100
STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure</i> <i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i>	<p>I. Written final exam (80%):</p> <ul style="list-style-type: none"> - Multiple choice test - Short answer questions <p>II. Written Essay-Individual (20%) (with Pass, Merit and Distinction criterion accessible by students)</p> <p>The final exams will be offered in Greek</p>	

Specifically-defined evaluation criteria are given, and if and where they are accessible to students.	
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(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Petrovic, L. (2014). *Αποκατάσταση της Ομιλίας Ασθενών με Λαρυγγεκτομή*. Εκδόσεις Ρόδων
- Blom, E. D., Singer, M. I., & Hamaker, R. (Eds.). (1998). *Tracheoesophageal voice restoration following total laryngectomy*. Singular.
- Casper, J. K., Colton, R. H., & Gress, C. D. (1998). *Clinical manual for laryngectomy and head/neck cancer rehabilitation*. San Diego: Singular Publishing Group.
- Nayak, U., & Kazi, R. (Eds.). (2009). *Voice Restoration After Total Laryngectomy: Current Science and Future Perspectives*. Byword Books Private Limited.

- Related academic journals:

- **The Lancet: Head and Neck Cancer**
<https://www.thelancet.com/series/head-neck-cancers>
- **American Journal of Otolaryngology (Head and Neck Medicine and Surgery)**
<https://www.journals.elsevier.com/american-journal-of-otolaryngology/>
- **European Archives of Oto-Rhino-Laryngology**
<https://www.springer.com/medicine/otorhinolaryngology/journal/405>
- **Journal of Voice**
<https://www.jvoice.org>
- **Logopedics Phoniatrics Vocology**
<https://www.tandfonline.com/toc/ilog20/current>