



## Otorhinolaryngology

<b>1. IMPRINT</b>	
<b>Academic Year</b>	2022/2023
<b>Department</b>	Faculty of Dental Medicine
<b>Field of study</b>	English Dentistry Division
<b>Main scientific discipline</b> <i>(in accord with appendix to the Regulation of Minister of Science and Higher Education from 26th of July 2019)</i>	Medical sciences
<b>Study Profile</b> <i>(general academic / practical)</i>	General academic
<b>Level of studies</b> <i>(1<sup>st</sup> level / 2<sup>nd</sup> level / uniform MSc)</i>	Uniform MSc
<b>Form of studies</b>	Full time studies
<b>Type of module / course</b> <i>(obligatory / non-compulsory)</i>	Obligatory
<b>Form of verification of learning outcomes</b> <i>(exam / completion)</i>	Exam
<b>Educational Unit / Educational Units</b> <i>(and address / addresses of unit / units)</i>	Department of Otorhinolaryngology Medical University of Warsaw 19/25 Stepinska Street, 00-739 Warsaw Phone (22) 3186266, fax (22) 3186270

<b>Head of Educational Unit / Heads of Educational Units</b>	Dr hab. Wojciech Kukwa
<b>Course coordinator</b> <i>(title, First Name, Last Name, contact)</i>	Wojciech Kukwa MD, PhD; wojciech.kukwa@wum.edu.pl Tel. (22) 3186266
<b>Person responsible for syllabus</b> <i>(First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)</i>	dr n. med. Tomasz Szafarowski; tomasz.szafarowski@wum.edu.pl
<b>Teachers</b>	dr hab. n. med. Wojciech Kukwa; wojciech.kukwa@wum.edu.pl dr n. med. Zuzanna Gronkiewicz; zuzanna.gronkiewicz@wum.edu.pl dr n. med. Joanna Radzikowska; joanna.radzikowska@wum.edu.pl dr n. med. Ewa Migacz; ewa.migacz@wum.edu.pl lek. med. Zofia Burska; zofia.burska@wum.edu.pl dr n. med. Tomasz Szafarowski; tomasz.szafarowski@wum.edu.pl

## 2. BASIC INFORMATION

<b>Year and semester of studies</b>	III year, VI semester	<b>Number of ECTS credits</b>	2
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)		-	-
Seminar (S)		10	0,4
Discussions (D)		-	-
e-learning (e-L)		-	-
Practical classes (PC)		35	1,4
Work placement (WP)		-	-
<b>Unassisted student's work</b>			
Preparation for classes and completions		5	0,2

## 3. COURSE OBJECTIVES

O1	Expanding knowledge of head and neck anatomy
O2	Acquiring knowledge of the physiology of the hearing organ and balance, the upper respiratory and digestive tract

O3	Acquiring knowledge enabling the recognition of the most common ENT diseases, especially those from ENT and dentistry
O4	Mastering the skills of basic ENT examination.

**4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING** (concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)

<p><b>Code and number of effect of learning in accordance with standards of learning</b> (in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</p>	<p><b>Effects in time</b></p>
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**Knowledge – Graduate\* knows and understands:**

A.W3.	the structure of the human body in a topographic and functional approach;
A.W5.	functional importance of individual organs and the systems they create;
A.W6.	anatomical justification of the physical examination;
A.U1.	interpret anatomical relations illustrated with the basic methods of diagnostic tests in the field of radiology (overview and contrast media radiographs);
C.W30.	mechanisms leading to organ and systemic pathologies including infectious, invasive autoimmune, immunodeficient, metabolic and genetic diseases;
F.W3.	viral, bacterial and fungal flora of the oral cavity and its importance;
F.W4.	symptoms, course and management in selected diseases of the oral cavity, head and neck, considering age groups;
F.W8.	principles of management in the case of cysts, precancerous conditions and head and neck cancers;
F.W13.	principles of antibiotic therapy and antibiotic resistance;
F.W18.	principles of radiological diagnostics;

**Skills– Graduate\* is able to:**

F.U1.	conduct a medical interview with the patient or his family;
F.U2.	conduct a dental physical examination of the patient;
F.U8.	conduct treatment of acute and chronic, odontogenic and non-odontogenic inflammatory processes within soft tissues of the oral cavity, periodontium and jaws ;

\* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

**5. ADDITIONAL EFFECTS OF LEARNING** (non-compulsory)

<b>Number of effect of learning</b>	<b>Effects of learning in time</b>
<b>Knowledge – Graduate knows and understands:</b>	
K1	-
<b>Skills– Graduate is able to:</b>	
S1	-
<b>Social Competencies – Graduate is ready for:</b>	
SC1	-

<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Seminars	S1 – Seminar 1 - EAR INFECTIOUS AND NON-INFECTIOUS DISEASES (the acute and chronic inflammatory diseases of the external, middle and inner ear).	A.U1., F.W4., C.W30., F.W13.
	S2 – Seminar 2 - RHINOSINUSITIS (the acute and chronic inflammatory diseases of the nose and paranasal sinuses).	A.U1., C.W30., F.W13.
	S3 – Seminar 3 - NON-INFECTIOUS DISEASES OF THE NOSE AND PARANASAL SINUSES (noninflammatory diseases of the nose and paranasal sinuses, including oncology of the region).	C.W30., F.W3., F.W13., F.U8.
	S4 – Seminar 4 - EMERGENCIES IN ENT – BLEEDINGS AND TRAUMAS (emergency cases concerning bleedings and traumas of the upper respiratory tract).	F.W4., F.W18.
	S5 – Seminar 5- FACIAL NERVE PALSY (acute and chronic paralysis of the facial nerve, diagnosis and treatment).	A.W3., A.W5.
	S6 – Seminar 6 - VOICE DISORDERS AND TREATMENT (speech therapy, phonosurgery).	A.W3., A.W5.
	S7 – Seminar 7 - NASAL OBSTRUCTION, OBSTRUCTIVE SLEEP APNEA (problem of nasal patency, snoring and obstructive sleep apnea).	A.W6., A.W5., A.U1., F.W18.
	S8 – Seminar 8 - TUMORS OF THE LARYNX AND PHARYNX (oncology in the ENT practice).	A.U1., F.W8., F.W4., F.W18
	S9 – Seminar 9 - NECK MASSES (head and neck oncology for dentists).	A.U1., F.W8., F.W4., F.W18
	S10 – Seminar 10 - SALIVARY GLANDS DISEASES (neoplastic and non-neoplastic diseases of the salivary glands).	A.W3., A.W5., A.U1., F.W13.
Practical classes	Practical classes C1-C8: Head and neck examination. Acquisition of practical skills in examining patients with symptoms in head and neck area. Work on phantoms. Laryngological examination of the patient - exercises with a living patient. Patient's physical and subjective examination.	A.W3. A.W5. A.W6. A.U1. C.W30. F.W3. F.W4. F.W8. F.W13. F.W18. F.U1. F.U2. F.U10.

	Practical classes C9-C18: Keeping medical records. Interpretation of examination results of patients treated in ENT department. Rules for keeping medical records. Keeping a patient card . Analysis of patient laboratory tests. Analysis of head and neck imaging tests. Analysis of microbiological tests..	A.W3., A.W5., A.W6., F.W13., F.U1., F.U2.
	Practical classes C19-C29: Advanced diagnostic tests in head and neck area. Learning about the latest diagnostic techniques used in ENT Department. Upper respiratory tract fiberoscopy. Hearing test (reeds, tonal, impedance audiometry, otoemi-sje, ABR) Smell and taste testing	A.W3., F.W3., F.W4., F.W8., F.U1., F.U2.
	Practical classes C30-C35: Getting to know the most important procedures performed in the ENT department, with particular emphasis on procedures performed within the paranasal sinuses. Familiarization with airway opening procedures: conicotomy and tracheotomy. Operating block work rules. Sinus surgery (access to the maxillary sinus) Tracheotomy and conicotomy.	A.U1., F.W8., F.W18.F.W13. F.W18. F.U1. F.U2. F.U10.

## 7. LITERATURE

### Obligatory

1. Diseases of Ear, Nose and Throat. Author(s): Dhingra & Dhingra
2. Choroby ucha nosa i gardła z chirurgią głowy i szyi. Wrocław, 2, 2015, Autor: Hans Behrbohm, Oliver Kaschke, Tadeus Nawka, Andrew Swift, Tłumacz: Ewa Gołąbek, Wiesław Gołąbek
3. Otolaryngologia kliniczna. Red. K. Niemczyk, rok wydania 2014 ISBN 978-83-61104-83-4

### Supplementary

## 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
e.g. G.K1, G.S1, K1	<i>This field defines the methods used for grading students e.g. pop quiz, test, written report etc.</i>	e.g. threshold number of points
A.W3., A.W5., A.W6., A.U1., C.W30., F.W3., F.W4., F.W8., F.W13., F.W18., F.U1., F.U2., F.U10.	Assessment of the students' knowledge with practical exam on ENT examination during the last practical class.	the knowledge of ENT examination
A.W3., A.W5., A.W6., A.U1., C.W30., F.W3., F.W4., F.W8., F.W13., F.W18.	MCQ test	more than 55% correct answers in the test

## 9. ADDITIONAL INFORMATION *(information essential for the course instructor that are not included in the other part of the course syllabus e.g. if the course is related to scientific research, detailed description of, information about the Science Club)*

Regulations for otorhinolaryngology classes:

Classes start at 7.30 in the seminar room of the Otorhinolaryngology Clinic of the Faculty of Dental Medicine of the Medical University of Warsaw (4th floor). Classes require a change of shoes and apron.  
Arriving at class later than 15 minutes from their start is treated as being late. Three delays oblige to make up for one day (3 hours) during an emergency ENT duty.  
Two absences are allowed, provided they are made up during an emergency ENT duty.  
Three absences cause the block to fail.  
Completion of classes takes place on the last day of the course with an assistant conducting classes.  
Passing classes consists of attendance at practical courses and seminars and passing the final test.  
The test exam in the subject takes place after the end of the course.

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