

Educational objectives (max. 6 items)				
C1. mastery in ear, nose, throat, larynx and neck examination;				
C2. knowledge about modern diagnostic techniques in ENT practice and their interpretation;				
C3. recognizing signs and symptoms of common ENT diseases, including oncology; understanding their pathogenesis and recommending the proper management;				
C4. command of practical techniques in the ENT first aid.				
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class				
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>
K 1	F W 1	1. Causes, symptoms, principles of diagnosis and therapeutic procedure in relation to the most common diseases requiring surgical intervention, taking into account the distinctness of childhood	Summary methods: Practical classes - assessment of practical skills, Examination: test Forming methods: Assessment of preparation for classes	L, CC
K2	F. W 2	2. Selected issues in pediatric surgery, including traumatology and otorhinolaryngology, as well as acquired defects and diseases as an indication for surgical treatment in children	Summary methods: Practical classes - assessment of practical skills, Examination: test Forming methods: Assessment of preparation for classes	L, CC
K 3	F. W 3	3. Knows the rules for qualifying for basic surgical procedures and invasive diagnostic and therapeutic procedures and the most common complications	Summary methods: Practical classes - assessment of practical skills, Examination: test Forming methods: Assessment of preparation for classes	L, CC
K 4	F. W 12	4. knows issues of ENT,	Summary methods:	L, CC

		<p>phoniatics and audiology, including:</p> <p>a) the causes, treatment methods, complications and prognosis in diseases of the ear, nose, paranasal sinuses, mouth, throat and larynx,</p> <p>b) recognizes diseases of the facial nerve and neck structures,</p> <p>c) knows the principles of diagnostic and therapeutic procedures in mechanical injuries of the ear, nose, larynx and esophagus,</p> <p>d) has the ability to handle emergencies in otorhinolaryngology, in particular in laryngeal dyspnea,</p> <p>e) knows the principles of diagnostic and therapeutic procedures in hearing, voice and speech disorders,</p> <p>f) knows the principles of diagnostic and therapeutic procedures in head and neck cancers;</p>	<p>Practical classes - assessment of practical skills, Examination: test</p> <p>Forming methods: Assessment of preparation for classes</p>	
S1	F.U3.	applies to the principles of aseptic and antiseptic	Assessment of student's work and activity during classes	L, CC
S2	F. U9.	Know how to supply external bleeding	Assessment of student's work and activity during classes	L, CC
S4	F. U 25	Performs a basic ENT examination on the ear, nose, throat and larynx	Assessment of student's work and activity during classes	L, CC

S5	F.U26.	Know how to perform a basic hearing test	Assessment of student's work and activity during classes	L, CC
S6	F. U1.	Assist in typical surgery, is able to prepare the surgical field and perform a local anesthesia of the operated area	Assessment of student's work and activity during classes	L, CC

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories:
communication of knowledge, skills or forming attitudes:

Knowledge: 5

Skills:5

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
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1. Contact hours:	60
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2. Student's own work (self-study):	94,5
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Total student's workload	154,5
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ECTS points for module/course	4
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Comments

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

Lectures

(15 hours, 8 meetings, 7 lectures lasting 90 minutes, 1 lecture 45 minutes)

1. Diseases of the nose and paranasal sinuses.
2. Larynx diseases.
3. Neck tumors. CUP.
4. Salivary gland diseases.
5. Problems of pediatric ENT.
6. Ear diseases.
7. Diagnosis and treatment of hearing loss.
8. Emergencies in ENT

Seminars

- 1.-
- 2.
- 3.

Practical classes(45 hours, 8 classes take place at the Clinic and Department of Otolaryngology, Head and Neck Surgery, 1 class at the Simulation Center)

1. Anatomy and physiology of the nose and paranasal sinuses. Diagnostic methods. Diseases of the nose and paranasal sinuses. Acute and chronic rhinosinusitis, EPOS, complications of sinusitis. Modern methods of treating allergic diseases of the nose and paranasal sinuses. Endoscopic surgery of the nose

and sinuses.

2. Anatomy and physiology of the mouth and throat. Diseases of the mouth and throat. Indications, contraindications and complications of tonsillectomy. Mouth and throat examination.

3. Anatomy and physiology of the larynx and lower pharynx. Diseases of the larynx and lower throat. Lower throat and larynx diseases. Larynx cancer: epidemiology, diagnostics, treatment methods. TNM. Larynx examination.

4. Diseases of the salivary glands. Facial nerve function. Nerve disorders in the course of ENT diseases. Lymphatic system of the neck. Differential diagnosis of neck tumors.

5. Children's ENT. Birth defects in the ears, nose, larynx. Diagnostic methods. Cysts of the neck. The role of the Waldeyer ring in physiology and pathology of the upper respiratory tract. Complications of Waldeyer lymphatic hyperplasia. Otitis media with effusion.

6. Ear anatomy and physiology. Diagnostic methods. Otoscopic examination. Audiology. External ear diseases. Otitis media. Ear-related complications. Ear examination.

7. Anatomy and physiology of the inner ear. Pathophysiology of the equilibrium organ. Rotational and caloric test. Inner ear diseases. Hearing loss. Tinnitus. Causes of hearing loss in children. Hearing screening.

8. Emergencies in ENT. Laryngeal dyspnea. Intubation, tracheotomy and conicotomy. Epistaxis. Foreign bodies.

9. Classes in the simulation center

Other

1.

2.

3.

etc. ...

Basic literature (list according to importance, no more than 3 items)

1 Ear, Nose, and Throat Diseases: With Head and Neck Surgery 3rd Edition, H. Behrbohm, O. Kaschke, T. Nawka, A. Swift

Additional literature and other materials (no more than 3 items)

1. Basic Otorhinolaryngology, R. Probst, G. Grevers, H. Iro

2. ENT secrets, M. A. Scholes, V.R. Ramakrishnan

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Projector

laptops

monitor for endoscopy

endoscopic optics: otoscope and larynx endoscope

ENT lamps

otolaryngological examination tools - ear specula, nasal specula, laryngeal mirrors

gloves

Simulation workshop:

Otoscope trainer (3x), laryngoscopes (3x), intubation tubes (1 tube / 10 students), larynx masks (1/30 students), LT laryngeal tubes (1/30 students), oropharyngeal tubes (3 sets), ambu bag (3 x),

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)
 Entry-test before each class, knowledge of anatomy of head and neck structures, and basics of otolaryngology.

Conditions to receive credit for the course (specify the form, criteria and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades).
 Each absence must be made up, including rector's days or dean's hours.

Grade:	Criteria for course
Very Good (5.0)	90-100% score on entry-test
Good Plus (4.5)	84-89%
Good (4.0)	77-83%
Satisfactory Plus (3.5)	70-76%
Satisfactory (3.0)	60-69%

Grade:	Criteria for exam (if applicable)
Very Good (5.0)	90-100% score on exam
Good Plus (4.5)	84-89%
Good (4.0)	77-83%
Satisfactory Plus (3.5)	70-76%
Satisfactory (3.0)	60-69%

Name of unit teaching course:	Department of Otolaryngology Head and Neck Surgery, Wrocław Medical University
Address	ul. Borowska 213, Wrocław
Phone	0048717343700
E-mail	tomasz.zatonski@umed.wroc.pl

Person responsible for course:	dr hab. Tomasz Zatoński, prof. nadzw
Phone	0048717343700
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<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>

Tomasz Zatoński	Dr hab. n. med., prof. nadzw.	otolaryngologia	physician	CC, L
Marcin Frączek	Dr hab. n. med.	otolaryngology	physician	CC, L
Monika Morawska-Kochman	Dr n. med.	otolaryngology	physician	L
Katarzyna Pazdro-Zastawny	Dr n. med.	otolaryngology	physician	CC, L
Karolina Dorobisz	Dr n. med.	otolaryngology	physician	CC, L
Marcin Masalski	Dr n. techn.	otolaryngology	physician	CC
Krzysztof Zub	Dr n. med.	otolaryngology	physician	CC, L
Joanna Krajewska	Dr n. med.	otolaryngology	physician	CC
Katarzyna Resler	Dr n. med.	Otolaryngology	physician	CC
Mateusz Kolator	Dr n. med.	Otolaryngology	physician	CC
Jacek Czubak	Lek.	otolaryngology	physician	CC
Karolina Stolarczyk	Lek.	Otolaryngology	physician	CC
Karolina Rogala	Lek.	otolaryngology	physician	CC

Date of Syllabus development

18.05.2020

Syllabus developed by

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Signature of Faculty Dean

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Signature of Head of teaching unit
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CHIRURGII GŁOWY I SZYI
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