
Course title: OTORHINOLARYNGOLOGY

ECTS credit allocation (and other scores):4

Semester: autumn

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 60

Course coordinator/ Department and e-mail: natalia.jarmolowicz@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: 1.Topographic anatomy of the head and neck. Otolaryngology examination: examination of the nose, nasopharynx, mouth, throat, larynx, throat of the lower ear. Patient Examination. Operating block. 2. Audiological diagnostics. Types of hearing loss. Hearing aids. Operating block. 3. Examination of the balance organ. Nystagmus. Dizziness. Patient Examination 4. Diseases of the nose and sinuses. Assessment of nasal patency, nasal tamponade, sinus punctures. Patient examination. Operating block. 5. Diseases of the salivary glands and esophagus. Patient Examination. Operating block. 6. Management of a patient with a tracheotomy tube. Dyspnoea. Neck tumors. Larynx cancer. Patient Examination. Operating block 7. Diseases of the ear and temporal bone. Patient Examination. Operating block 8. Children's otolaryngology: adenotomy, tonsillectomy, tonsillotomy, ear drainage - WSSD. 9. MATERIAL REPRESENTATION (LECTURES + SEMINARS + EXERCISES) 10. EXERCISE ACCOUNT Seminar topic Head and neck anatomy - review. ENT examination. ENT emergencies. Nose and paranasal sinuses diseases. Obstructive sleep apnea syndrome. External and middle ear diseases. Hearing tests and disorders. Vertigo. Diseases of oral cavity and pharynx. Salivary gland diseases. Diseases of larynx. Laryngeal cancer.

LECTURES:

1 Nerve VII, nerve palsy VII. 2 Neoplasms in ENT. 3 Auditory route, audiology, hearing screening. 4 Operations in otolaryngology. 5 Obstructive sleep apnea. Pathophysiology, diagnostics, treatment.

Learning purpose: The student should have knowledge in the field of: subjective and physical examination with particular attention to the methods of speculum, plan and interpret additional tests, plan specialist consultations, determine the diagnosis and appropriate treatment of identified diseases, perform basic procedures and medical procedures. Acquire knowledge in the field of otolaryngology, pediatric laryngology including surgical treatment of children. The student learns the qualification rules for surgical treatment and invasive diagnostic and therapeutic procedures in the field of otolaryngology. The student gets acquainted with issues in the field of audiology. Mastering the knowledge of diagnostic and therapeutic procedures in head and neck cancers. Understanding the causes, clinical course, prognosis of diseases of the ear, nose, paranasal sinuses, mouth, throat and larynx in adults. The student learns the rules of emergency procedures in otolaryngology, in particular in laryngeal dyspnea.

On completion of the study programme the graduate will gain:

Knowledge: W1 - Knows the genetic, environmental and epidemiological conditions of the most common diseases (E.W1)

W2 - The student has knowledge in the field of diagnosis of acute and chronic diseases of the upper and lower respiratory tract, congenital defects of the respiratory system, tuberculosis, cystic fibrosis, asthma, allergic rhinitis, urticaria, anaphylactic shock, angioedema, (E.W3 C)

W3 - Student has knowledge of ENT, phoniatics and audiology, including: a. and understands the causes, clinical course, treatment methods, complications and prognosis in diseases of the ear, nose, paranasal sinuses, mouth, throat and larynx in adults, b. facial nerve disease and selected neck structures, c. principles of diagnostic and therapeutic management in mechanical injuries of the ear, nose, larynx and esophagus, d. emergency procedures in otorhinolaryngology, especially in larynx dyspnoea, e. principles of diagnostic and therapeutic management in hearing disorders; voice and speech, f. principles of diagnostic and therapeutic management in head and neck cancers (F.W13)

Skills: U1 - Interview with the patient medical adult (E.U1)

U10 - The student can perform a basic ENT examination in the field of ear, nose, throat and larynx (F.U25)

U2 - Student conducting a medical interview with the child and his family (E.U2)

U3 - student Conducts a full and targeted physical examination of an adult patient. (E.U3.)

U4 - Student Assists in typical surgery, is able to prepare the surgical field and local anesthesia of the operated area (F.U1)

U5 - Student Uses basic surgical tools. (F.U2)

U6 - Student uses aseptic technique and antiseptics. (F.U3)

U7 - The student is able to treat a simple wound, put on and change a sterile surgical dressing (F.U4)

U8 - The student can supply external bleeding (F.U9)

U9 - The student can perform a basic ENT examination in the field of ear, nose, throat and larynx (F.U25)

Social Competencies:

K1 - The student respects medical confidentiality and patient's rights (K3)

K2 - The student is able to establish and maintain deep and respectful contact with the sick (K1)

K3 - The student is guided by the good of the patient, putting them first. (K2)

K4 - The student is aware of their own limitations and skills of continuous education. (K4)

Basic literature: Ear, Nose, and Throat Diseases: With Head and Neck Surgery by Hans Behrbohm (Author), Oliver Kaschke (Author)

Supplementary literature:----

The allocated number of ECTS points consists of:

The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	40 h.
- participation in: seminar	10 h.
- participation in: lecture	10 h.
- consultation	5 h.
	65 h.

2. Student's independent work:

- individual preparation for the practical credit	7 h.
- samodzielne przygotowanie się do egzaminu	10 h.
- samodzielne przygotowanie się do zaliczenia praktycznego	8 h.
- self preparation for the exam	10 h.
	35 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 100 h : 25 h/ECTS = 4,00 ECTS

on average: **4 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher 2,60 ECTS points,

- including the number of ECTS points for hours completed in the form of the student's independent work 1,40 ECTS points,

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