



## Course syllabus - part A Otorhinolaryngology

**48SJ-OTOR**  
**ECTS: 3.00**  
**CYCLE: 2024L**

### SUBJECT MATTER CONTENT

#### LECTURE

1 Facial nerve - anatomy, pathophysiology, diagnosis and treatment. 2 Neoplasms in otorhinolaryngology. 3 Auditory pathway, audiology, hearing screening. 4 Surgery in otorhinolaryngology. 5 Obstructive sleep apnea. Pathophysiology, diagnosis, treatment.

#### SEMINAR

Seminar 1- Head and neck anatomy. ENT Examination. External and middle ear diseases. Seminar 2- Nose and paranasal sinuses diseases. Obstructive sleep apnea syndrome. Seminar 3- Diseases of oral cavity and pharynx. Salivary gland diseases. Seminar 4- Hearing tests and disorders. Vertigo. Seminar 5- Diseases of larynx. Laryngeal cancer. ENT emergencies

#### CLASSES

1 Topographic anatomy of the head and neck. Otolaryngology examination: examination of the nose, nasopharynx, oral cavity, pharynx, larynx, ear and neck. Examination of patients. Operating theater. 2 Audiological diagnostics. Types of hearing loss. Hearing aids. Examination of patients. 3 Otoneurological examination. Nystagmus. Vertigo. Examination of patients. Operating theater. 4 Diseases of the nose and sinuses. Assessment of nasal patency, nasal tamponade, sinus punctures. Examination of patients. Operating theater. 5. Diseases of the salivary glands and esophagus. Examination of patients. 6 Laryngeal cancer. Management of a patient with a tracheotomy tube. Dyspnea. Examination of patients. Operating theater. 7 Obstructive sleep apnea. Examination of patients. 8 Diseases of the ear and temporal bone. Examination of patients. Operating theater. 9 Neck tumors. Examination of patients. Operating theater. 10 Summary. Practical exam.

#### TEACHING OBJECTIVE

theoretical knowledge and practical skills in otorhinolaryngology

#### DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

**Symbols for outcomes related to the discipline:**

M/NMA\_P7S\_UW+++ , M/NMA\_P7S\_WG+ ,  
M/NMA\_P7S\_KO+++

**Symbols for outcomes related to the field of study:**

E.U26.+ , E.U1.+ , H.U22.+ , E.U5.+ , H.U16.+ ,  
H.U2.+ , K.4.+ , K.2.+ , F.W19.+ , K.1.+

**Legal acts specifying learning outcomes:**  
467/2024

**Disciplines:** medical sciences

**Status of the**

**course:**Obligatoryjny

**Group of courses:**B -

przedmioty kierunkowe

**Code:** ISCED 0912

**Field of study:**Medicine

**Scope of education:**

**Profile of education:**

General academic

**Form of studies:** full-time

**Level of studies:** uniform  
master's studies

**Year/semester:** 4/8

**Types of classes:** Lecture,  
Seminar, Classes

**Number of hours in semester:**Lecture: 10.00,  
Seminar: 10.00, Classes:  
40.00

**Language of instruction:**English

**Introductory subject:**

Anatomy, Physiology

**Prerequisites:** knowledge of  
introductory courses

**Name of the organisational unit conducting the course:**Katedra

Otarynolaryngologii, Chorób  
Głowy i Szyi

**Person responsible for the realization of the course:**prof. dr hab. n. med.

Andrzej Kukwa, lek. Natalia  
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**Additional remarks:**

## **LEARNING OUTCOMES:**

### **Knowledge:**

W1 - During the otorhinolaryngology course, the student should learn about issues in the field of laryngology, phoniatics and audiology, including: 1) causes, clinical course, treatment methods, complications and prognosis in diseases of the ear, nose, paranasal sinuses, oral cavity, pharynx and larynx, 2 ) diseases of the facial nerve and selected neck structures, 3) principles of diagnostic and therapeutic procedures in mechanical injuries of the ear, nose, larynx and esophagus, 4) principles of emergency procedures in otorhinolaryngology, in particular laryngeal dyspnea, 5) principles of diagnostic and therapeutic procedures in hearing, voice and speech disorders, 6) principles of diagnostic and therapeutic procedures in head and neck cancer.

### **Skills:**

U1 - After completing the course, the student should be able to examine an otolaryngological patient subjectively and objectively, propose a diagnostic path, differential diagnosis and propose therapeutic methods.

U2 - perform antero nasal tamponade

U3 - principles of cricotomy and tracheostomy

U4 - wash hands surgically, put on sterile gloves, dress for surgery or a procedure requiring sterility, prepare the surgical site in accordance with aseptic principles, and participate in the surgical procedure

U5 - make diagnostic and therapeutic decisions together with the patient (assess the patient's level of involvement, their needs and possibilities in this area, encourage the patient to take an active part in the decision-making process, discuss the advantages, disadvantages, expected results and consequences of the decision) and obtain the patient's informed consent

### **Social competence:**

K1 - The student is able to take action towards a patient based on ethical principles, with awareness of the social determinants and limitations resulting from the disease

K2 - The student's actions are guided by the good of the patient.

K3 - The student is able to establish and maintain deep and respectful contact with the patient, as well as show understanding for ideological and cultural differences.

## **TEACHING FORMS AND METHODS:**

Lecture(W1;):informative lecture, multimedia presentation

Seminar(W1;U1;U3;K2;):multimedia presentation, didactic discussion

Classes(W1;U1;U2;U3;U4;U5;K1;K2;K3;):practical exercises, didactic discussion, case study

## **FORM AND CONDITIONS OF VERIFYING LEARNING**

### **OUTCOMES:**

Lecture (Written exam) - The final exam covers material from lectures, seminars and exercises. -

Seminar (Written exam) - The final exam covers material from lectures, seminars and exercises. -

Classes (Colloquium practical) - Student should be able to perform an ENT examination. -

### **BASIC LITERATURE:**

1. Hans Behrbohm, *Ear, Nose and Throat Diseases*, Wyd. Thieme Publishing Group, R. 2009

### **SUPPLEMENTARY LITERATURE:**



# Detailed description of ECTS credits awarded - part B

**48SJ-OTOR**

**ECTS: 3.00**

**CYCLE: 2024L**

## Otorhinolaryngology

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

|                             |                |
|-----------------------------|----------------|
| - participation in: Lecture | 10.0 h         |
| - participation in: Seminar | 10.0 h         |
| - participation in: Classes | 40.0 h         |
| - consultation              | 5.0            |
|                             | Total: 65.0 h. |

2. Independent work of a student:

|                                       |        |
|---------------------------------------|--------|
| literature analysis                   | 4.00 h |
| presentation preparation - case study | 2.00 h |
| preparation for classes               | 4.00 h |

Total: 10.0 h

contact hours + independent work of a student Total: 75.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = 75.0 h : 25.0 h/ECTS = 3.00 ECTS on average: 3.0 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: