



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: Ophthalmology	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Dentistry
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	year 3, semester II
ECTS credits (incl. semester breakdown)	1
Type/s of training	lectures (4h) /seminars (4h)/ practical (6h)
Form of assessment*	<p>X graded assessment:</p> <p><input type="checkbox"/>descriptive</p> <p>X test</p> <p><input type="checkbox"/>practical</p> <p><input type="checkbox"/>oral</p> <p><input type="checkbox"/>non-graded assessment</p> <p><input type="checkbox"/>final examination</p> <p><input type="checkbox"/>descriptive</p> <p><input type="checkbox"/>test</p> <p><input type="checkbox"/>practical</p> <p><input type="checkbox"/>oral</p>
Head of the Department/ Clinic, Unit	<p>I Chair and Clinic of Ophthalmology prof. Anna Machalińska MD PhD FEBO</p> <p>II Chair and Clinic of Ophthalmology prof. Wojciech Lubiński MD PhD FEBO</p>
Tutor responsible for the module	Prof. Monika Modrzejewska MD PhD
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarski/II-katedra-i-klinika-okulistyki
Language	English

*replace ☐ into ☒ where applicable

Detailed information

Module objectives		To understand steps of ophthalmological examination To understand possibility of refraction correction. To know basic diagnostic procedures in ophthalmology To know pathophysiology, symptoms and eye disease treatment. To know rules of the eye trauma diagnosis and treatment. Practical knowledge: instillation of the drops, reversion of the eyelids
Prerequisite /essential requirements	Knowledge	Student has general knowledge of visual system anatomy and physiology
	Skills	Student know how to take medical history and interpret acquired information
	Competences	Student understands and complies with patient's rights i.e. right to protect personal data, rights of privacy, right of information on health state, right to express conscious consent to treatment. Has ability to create respectful relationship with patient caring for his/her wealth and dignity.

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	assess ophthalmic signs and symptoms, diagnose eye diseases and plan treatment	K_E.W13,	PS + ET
W02	describe importance of exogenic focal infections in eye diseases	K_E.W14	PS + ET
W03	assess extend of eye injuries and apply first aid	K_E.W13	PS + ET
W04	knows the principles of qualification and performance of basic surgical procedures and invasive diagnostic and therapeutic procedures in the field of ophthalmology	K_E.W13	PS + ET
U01	describe and diagnose some of the eye optic and adnexal system diseases	K_F.U19,	PS
K01	comply with ethical principles and medical legal regulations in medical practice	K_K02	PS

Table presenting LEARNING OUTCOMES in relation to the form of classes								
No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical	Clinical classes	Simulations	E-learning	Other...
W01	K_E.W13,	x	x					
W02	K_E.W14	x	x					
W03	K_E.W13	x	x					
W04	K_E.W13	x	x					
U01	K_F.U19,				x			
K01	K_K02				x			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Summersemester			
Lectures			
TK01	Trauma, eye oncology	2	W01,W02,W03,W04
TK02	Odontogenic eye diseases	2	W02, W04
Seminars			
TK01	Anatomy and Physiology.	2	W01
TK02	Red eye. Infections.	2	W01,W02,W03,W04
Practicalclasses			
TK01	Medical history in eye diseases. Eye examination in day light. Review of eye anatomy. Visual acuity. Correction of refractive errors.	1	W01,W02,W04 U01,K01
TK02	Colorvision test, pseudoisochromatic plates. Visual field evaluation. Amsler grid. Slit lamp.	1	W01,W02, U01, K01
TK03	Fundus examination (direct, indirect, volk lens).	1	W01,W02,W03,U01,K01
TK04	First aid - ophthalmic emergencies: acute visual loss, management of acute angle closure. Practical skills - eye lid eversion, conjunctival sac irrigation, eye drops and ointment installation. Tonometry. Pupil reflexes.	1	W01,W02,W03,W04 U01,K01
TK05	Diplopia management. Strabismus: aetiology, examination, stereopsis.	1	W01,W02,W03,U01,K01
TK06	Operating theatre.	1	W03,W04,U01,K01

Booklist
Obligatory literature:
James B., Chew C., Bron A.: Lecture notes on ophthalmology (Blackwell Science Ltd., Oxford 1997)
Tarkkanen A.: Principles of ophthalmology (Recallmed Ltd., Vaasa 1995)
Supplementary literature:
Kański J.J.: Clinical ophthalmology (Butterworth – Heinemann Ltd., Oxford 1994)

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	14
Time spent on preparation to seminars/ practical classes	14
Time spent on reading recommended literature	8
Time spent on writing report/making project	-
Time spent on preparing to colloquium/ entry test	4
Time spent on preparing to exam	-
Other	-
Student's workload in total	40
ECTS credits for the subject (in total)	1
Remarks	

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS – assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...