Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)
General Information

Module title: Ophthalmology	
Module type	Obligatory/Facultative (wybrać)
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	2025-2026, year 3, semester II
ECTS credits (incl. semester breakdown)	1
Type/s of training	lectures 0h /seminars (8h)/ practical (6h)
Form of assessment*	X graded assessment: ☐descriptive ☐ test ☐practical X oral ☐non-graded assessment ☐final examination ☐descriptive ☐test ☐practical ☐oral
Head of the Department/ Clinic, Unit	I Chair and Clinic of Ophthalmology prof. Anna Machalińska MD PhD FEBO II Chair and Clinic of Ophthalmology prof. Wojciech Lubiński MD PhD FEBO
Tutor responsible for the module	Prof. Monika Modrzejewska MD PhD
Department's/ Clinic's/ Unit'swebsite	https://www.pum.edu.pl/wydzialy/wydzial-lekarski/II-katedra-i-klinika-okulistyki https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/i-katedra-i-klinika-okulistyki
Language	English

*replace☐into☒whereapplicable

Detailedinformation

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	E.W13	PS + ET
W02	describe importance of exogenic focal infections in eye diseases	E.W14	PS + ET
W03	assess extend of eye injuries and apply first aid	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	E.W13	PS + ET
U01	describe and diagnose some of the eye optic and adnexal system diseases	F.U19	PS
K01	comply with ethical principles and medical legal regulations in medical practice	K.2.	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	E.W13,	x	x					
W02	E.W14	x	x					
W03	E.W13	x	x					
W04	E.W13	x	x					
U01	F.U19,				x			
K01	K.2.				x			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	**Teaching programme**	**No. of hours**	**References to learning outcomes**
Summersemester			
Seminars			
TK01	Trauma, eye emergency, eye oncology.	2	W01,W02,W03,W04
TK02	The most often ophthalmic diseases rquirving surgical procedures.	2	W02, W04
TK03	Anatomy and Physiology.	2	W01
TK04	Red eye. Glaucoma.	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
Obligatoryliterature:
Ophthalmology an illustrated colour text. Mark Batterbury and Conor Murphy, Elsevier 2019 (obligatory).
Ophthalmology. Gerhard K. Lang. 3rd Edition (obligatory), 2016.
Supplementaryliterature:
Kanski s Clinical Ophthalmology. A systemic approach. Nine Edition, Elsevier 2019.

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student'sworkload [h]
	Tutor
Contact hours with the tutor	14
Time spent on preparation to seminars/ practical classess	14
Time spent on reading recommended literature	8
Time spent on writing report/making project	-
Time spent on preparing to colloqium/ entry test	4
Time spent on preparing to exam	-
Other …..	-
Student'sworkload 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 – colloqium
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…