



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (Dermatology and Venereology) General Information

Module title:	
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
ECTS credits (incl. semester breakdown)	3
Type/s of training	lectures (4h)/e-learning (1h)/seminars (8h)/ practical (12h)
Form of assessment*	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department	Prof. dr hab, n. med. Mariola Marchlewicz
Tutor responsible for the module	<i>Prof. dr hab. n. med. Tadeusz Dębniak</i> debniak@pum.edu.pl
Department's	Pomeranian Medical University Department of Dermatology and Venereology ul. Siedlecka 2 72-010 Police
Language	English

* replace into where applicable

Detailed information

Module objectives		To introduce all students with the basics of symptomatology and diagnostics most common in the population skin diseases with particular emphasis on infectious diseases, including sexually transmitted, neoplastic diseases, allergic reactions, autoimmune diseases. Bearing in mind the future employment of currently trained students, mainly in primary dental care, we strive for handover to prospective dentists diagnostic standards and medicinally in those skin conditions with which they can meet in the future professional work, according to current medical knowledge.
Prerequisite /essential requirements	Knowledge	Basic knowledge of basic and preclinical subjects: anatomy, histology, physiology, pathophysiology, biochemistry as well as pathomorphology, microbiology, pharmacology.
	Skills	Subject and physical examination of the patient, the ability to develop the patient's medical history, the ability to apply knowledge in practice.
	Competences	Student's active attitude during seminars and exercises, ability to think independently, acting in accordance with the principles of ethics.

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	understands relationship between morphological anomalies and function of organs and systems, clinical symptoms and capacity of diagnostics and treatment	E.W01	graded assessment -test
W02	knows basic methods of medical examination and importance of additional examination with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	E.W02	graded assessment -test
W03	knows etiopathogenesis and symptomatology of diseases of respiratory system, circulatory system, genitourinary system, hematopoetic system, immunological system, alimentary system, motor system and endocrine system with particular focus on disease whose symptoms occur in oral cavity	E.W03	graded assessment -test
W04	knows symptoms of viral hepatitis, HIV, AIDS and lymphadenopathy in contagious and parasitic diseases	E.W08	graded assessment -test
W05	knows life-threatening states	E.W18	graded assessment -test
W06	knows when to refer patient to hospital	E.W20	practical skills assessment
U01	performs differential diagnostics of most	E.U01	practical skills

	common diseases in adults		assessment
U02	assesses and explains mental and somatic state of patient	E.U02	practical skills assessment
U03	plans diagnostics procedure and therapeutic management in case of most common diseases in adults	E.U03	graded assessment -test
U04	interprets results of laboratory examination	E.U04	practical skills assessment
U05	identifies correct and pathological structures and organs in additional imaging examination (X-ray, USG, computer tomography)	E.U05	practical skills assessment
U06	identifies life-threatening risk	E.U08	graded assessment -test
U07	explains and recognizes symptoms of shock and acute circulatory failure	E.U09	graded assessment -test
U08	diagnoses nasopharyngeal cavity diseases, knows etiology and pathomechanism thereof	E.U12	graded assessment -test
U09	preliminarily diagnoses neoplastic changes in area of nose, throat and larynx	E.U13	graded assessment -test practical skills assessment
U10	diagnoses and treats following skin diseases: infection disease, allergic disease, sexually transmitted diseases	E.U14	graded assessment -test
U11	diagnoses skin neoplasms and precancerous lesions	E.U15	graded assessment -test practical skills assessment
U12	diagnoses dermatosis and collagen disease exhibiting symptoms in area of oral mucosa	E.U16	graded assessment -test
U13	diagnoses diseases causing enlargement of cervical lymph nodes and mandibular lymph nodes and contagious diseases with particular regard to changes in area of oral cavity	E.U18	graded assessment -test
U14	performs basic procedures and operations: body temperature measurement, sphygmometry, non-invasive blood pressure measurement, oxygen therapy, forced and supportive ventilation, introduction of mouth-throat tube, preparation of operating field, hygienic and surgical disinfection of hands, intravenous, intramuscular and subcutaneous injections, drawing peripheral venous blood, nose, throat and skin swabs, simple strip tests and glucose concentration measurement	E.U20	practical skills assessment
K01	shows habit of self-education and lifelong education	K01	student's active participation and attitude assessment
K02	accepts need of standards of conduct and legislation regarding medical practice	K03	student's active participation and attitude assessment

K03	can co-operate with team members and care about occupational safety	K04	student's active participation and attitude assessment
K04	shows respect to human body	K05	student's active participation and attitude assessment
K05	understands proper examiner/examinee relationship	K08	student's active participation and attitude assessment
K06	understands need for keeping professional secrecy and showing respect to patients' rights	K09	student's active participation and attitude assessment

Table presenting LEARNING OUTCOMES in relation to the form of classes							
No. of learning outcome	Learning outcomes	Type of training					
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	Other...
W01	E.W01		+		+		+
W02	E.W02		+		+		+
W03	E.W03		+		+		+
W04	E.W08		+		+		+
W08	E.W18		+		+		+
W09	E.W20		+		+		+
U01	E.U01		+		+		+
U02	E.U02				+		
U03	E.U03				+		
U04	E.U04				+		
U05	E.U05				+		
U06	E.U08				+		+
U07	E.U09				+		+
U08	E.U12		+		+		+
U09	E.U13		+		+		+
U10	E.U14		+		+		+
U11	E.U15		+		+		+
U12	E.U16		+		+		+
U13	E.U18		+		+		+
U14	E.U20				+		
K01	K01				+		
K02	K03				+		
K03	K04				+		
K04	K05				+		

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes

Summer semester			
Lectures e-learning			
TK01	Anatomy, physiology and skin immunology	1h	K_EW01 K_EW03 K_EU01
TK02	Semiotics in connection with the structure of the skin. Basic dermatological concepts.		E K_EW01 K_EU01
Lectures			
TK01	Allergic diseases of the skin: allergy mechanisms, urticaria - etiopathogenesis, clinical image and diagnosis of various types of urticaria, treatment, eczema - etiopathogenesis, the most common allergens (including vocational), clinical image, diagnostics and treatment, atopic dermatitis - etiopathogenesis, diagnostic criteria, clinical image, basic treatment	1h	K_E.W20 K_E.U08 K_E.U09 K_E.U14
TK02	Bullous diseases, pemphigus and its variants, pemphigoid, gestational pemphigoid, Dührings disease - connection with gluten-dependent enteropathy – clinical image, etiopathogenesis, immunological diagnostics, basis of treatment	1h	K_E.W03 K_E.W20 K_E.U08 K_E.U09 K_E.U14
TK03	Pre-cancerous conditions and carcinoma in situ: actinic keratosis, cutaneous horn, white keratinization, chemical keratinization, parchment and pigmented skin, Bowen's disease and Queyrata erythroplasia	1h	K_E.W01 K_E.W02 K_E.U12 K_E.U13 K_E.U15
TK04	Skin cancers: factors affecting the development of skin cancers, immunological phenomena in skin cancer: basal cell carcinoma, squamous cell carcinoma - clinical image, diagnostics, treatment		K_E.W01 K_E.W02 K_E.U12 K_E.U13 K_E.U15 K_E.U18
TK05	Melanoma – clinical image, diagnostics, treatment		K_E.W01 K_E.W02 K_E.U05 K_E.U12 K_E.U13 K_E.U15
TK06	Skin viral diseases: herpes, chickenpox, zoster, contagious mollusk, HPV infection - including potentially oncogenic subtypes – clinical image, diagnostic basics, treatment	1h	K_E.W20 K_E.U01 K_E.U03 K_E.U04 K_E.U14 K_E.U18
Seminars			
TK01	Purulent and bacterial skin diseases: staphylococcal, streptococcal and mixed infections, crab dermatitis, erythrasma, borreliosis - the basics of diagnostics, clinical image, treatment	1 h	K_E.W20 K_E.U01 K_E.U03 K_E.U04 K_E.U14 K_E.U14 K_E.U18

TK02	Lichen planus: pathomechanism, clinical image, diagnostics, treatment	1h	K_E.U01 K_E.U12
TK03	Erythemas: erythema multiforme- etiopathogenesis, clinical image (including minor and major forms with toxic overview Lyell epidermis necrolysis), diagnosis, treatment, erythema nodosum - etiopathogenesis, clinical image, diagnostics, treatment		K_E.W20 K_E.U12 K_E.U14
TK05	Skin mycoses: infections caused by dermatophytes, yeasts and molds – clinical image, diagnostics, treatment	1h	K_E.U14 K_E.U20
TK06	Psoriasis, psoriatic arthritis - etiopathogenesis, clinical image, treatment	1h	K_E.W20 K_E.U01 K_E.U03 K_E.U16
TK07	Connective tissue diseases: lupus erythematosus and its variants, systemic scleroderma and morphea, dermatomyositis, mixed connective tissue disease - etiopathogenesis, immunological diagnostics, clinical image of skin and organ changes, basis of treatment	2h	K_E.W01 K_E.W20 K_E.U01 K_E.U03 K_E.U16
TK08	Acquired syphilis: symptoms of syphilis I and II of the Elary period, non-treponemal and treponemal serological reactions, latent syphilis, neurosyphilis: clinical forms, the importance of cerebrospinal fluid, cardiovascular syphilis, control principles after treatment	1h	K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK09	Congenital syphilis: early and late syphilis, early and late congenital syphilis treatment, prevention of congenital syphilis		K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
TK10	HIV retrovirus infections: infectiousness and routes of infection spread, clinical course and breakdown into infection periods, indicator diseases, screening and confirmatory tests - interpretation of results, antiviral treatment of patients with HIV infection, prophylaxis of HIV infection	1h	K_E.W03 K_E.W08 K_E.U03 K_E.U04 K_E.U14 K_E.U18
Clinical classes			
TK01	History and physical examination of the patient in the field of dermatological diseases from the group of infectious, allergic, autoimmune and neoplastic diseases. Participation in dermatological procedures: removing skin lesions, performing skin biopsies, performing allergic skin tests, phototherapy procedures. Participation in the daily work of a	12h	K_E.W03 K_E.W08 K_E.W18 K_E.W20 K_E.U01 K_E.U02 K_E.U03 K_E.U04 K_E.U05 K_E.U08 K_E.U09 K_E.U12

	doctor, that includes managing patients on the wards, consultations at the emergency room and hospital rounds.		K_E.U13 K_E.U14 K_E.U15 K_E.U16 K_E.U18 K_E.U20 K_K01 K_K03 K_K04 K_K05 K_K08 K_K09
--	--	--	--

Booklist
Obligatory literature:
1. T. Fitzpatrick, K. Wolff, R. Johnson: Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Six th Edition; The McGraw-Hill Companies 2009 and later editions
Supplementary literature:
1. R. Marks: Roxburgh's common skin diseases, International Students' 18 th Edition 2011 and later editions
2. R. Weller, H. Hunter, M.W. Mann: Clinical Dermatology, 5 th Edition Wiley 2015

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	25h
Time spent on preparation to seminars/ practical classess	5h
Time spent on reading recommended literature	5h
Time spent on writing report/making project	-
Time spent on preparing to colloquium/ entry test	5h
Time spent on preparing to exam	-
Time spent on developing a patient's medical history	-
Student's workload in total	40h
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...