



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (Dermatology and Venereology) General Information

Module title: Dermatology and Venereology	
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)	1
Type/s of training	lectures (4h)/e-learning (1h)/seminars (8h)/ practical (12h)
Form of assessment*	graded assessment: descriptive test practical oral non-graded assessment final examination descriptive test practical 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	knows and understands relationship between morphological anomalies and function of organs and systems as well as clinical symptoms and capacity of diagnostics and treatment	E.W1.	graded assessment -test
W02	knows and understands basic methods of medical examination and importance of additional tests with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	E.W2.	graded assessment -test
W03	knows and understands 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 with oral cavity manifestation	E.W3.	graded assessment -test
W04	knows and understands life-threatening states	E.W18.	graded assessment -test practical skills assessment
W05	knows and understands cases in which the patient should be referred to the hospital	E.W20.	practical skills assessment

U01	is able to perform differential diagnosis of most common diseases	E.U1.	practical skills assessment
U02	is able to assess and explain mental and somatic state of patient	E.U2.	practical skills assessment
U03	is able to plan diagnostics and therapeutic management in case of most common diseases in adults	E.U3.	graded assessment -test
U04	is able to interpret results of laboratory tests	E.U4.	practical skills assessment
U05	is able to identify normal and pathological structures and organs in additional imaging examination (X-ray, USG, computer tomography)	E.U5.	practical skills assessment
U06	is able to identify life-threatening risk	E.U8.	graded assessment -test
U07	is able to describe and recognize symptoms of shock and acute circulatory failure	E.U9.	graded assessment -test
U08	is able to diagnose and treat skin diseases: infectious, allergic and sexually transmitted	E.U14.	graded assessment -test
U09	is able to diagnose skin neoplasms and precancerous lesions	E.U15.	graded assessment -test practical skills assessment
U10	is able to diagnose dermatosis and collagenosis occurring with lesions on oral mucosa	E.U16.	graded assessment -test
U11	is able to diagnose diseases occurring with enlargement of cervical and submandibular lymph nodes and contagious diseases with particular regard to lesions in oral cavity	E.U18.	graded assessment -test
K01	is ready to establish and maintain deep and respectful contact with the patient as well as to show understanding for ideological and cultural differences	K.1.	student's active participation and attitude assessment
K02	is ready to be guided by the patient wellbeing	K.2.	student's active participation and attitude assessment
K03	is ready to respect physician-patient privilege and patient's rights	K.3.	student's active participation and attitude assessment
K04	is ready to take activities towards patient on the basis of ethical principles with awareness of social conditions and disease restrictions	K.4.	student's active participation and attitude assessment
K05	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5.	student's active participation and attitude assessment

K06	is ready to propagate health-promoting behavior	K.6.	student's active participation and attitude assessment
K07	is ready to use reliable sources of information	K.7.	student's active participation and attitude assessment
K08	is ready to draw conclusions from own measurements or observations	K.8.	student's active participation and attitude assessment
K09	is ready to implement the principles of professional fellowship and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment	K.9.	student's active participation and attitude assessment
K10	is ready to formulate opinions on various aspects of professional activity	K.10.	student's active participation and attitude assessment
K11	is ready to assume responsibility related to decisions taken as a part of professional activity, also in terms of own safety and the safety of others	K.11.	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	Clinical classes	Simulations	Lecture E-learning	Other...
W01	E.W1.	+	+	+	+			
W02	E.W2.	+	+	+	+			
W03	E.W3.	+	+	+	+			
W04	E.W18.	+	+	+	+			
W05	E.W20.	+	+	+	+			
U01	E.U1.	+	+	+	+			
U02	E.U2.	+	+	+	+			
U03	E.U3.	+	+	+	+			
U04	E.U4.	+	+	+	+			
U05	E.U5.	+	+	+	+			
U06	E.U8.	+	+	+	+			
U07	E.U9.	+	+	+	+			
U08	E.U14.	+	+	+	+			
U09	E.U15.	+	+	+	+			
U10	E.U16.	+	+	+	+			
U11	E.U18.	+	+	+	+			
K01	K.1.			+	+			
K02	K.2.			+	+			
K03	K.3.			+	+			
K04	K.4.			+	+			
K05	K.5.			+	+			

K06	K.6.			+	+			
K07	K.7.			+	+			
K08	K.8.			+	+			
K09	K.9.			+	+			
K10	K.10.			+	+			
K11	K.11.			+	+			

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_E.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20.
TK02	Semiotics in connection with the structure of the skin. Basic dermatological concepts.		K_E.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20.
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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U9. 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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20.
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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20.
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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U15.
TK05	Melanoma – clinical image, diagnostics, treatment		K_E.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U3.

			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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20.
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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U1. K_E.U2. K_E.U3. K_E.U4.
TK02	Lichen planus: pathomechanism, clinical image, diagnostics, treatment	1h	K_E.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U3. K_E.U4.
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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U3. K_E.U4.
TK05	Skin mycoses: infections caused by dermatophytes, yeasts and molds – clinical image, diagnostics, treatment	1h	K_E.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U3. K_E.U4.
TK06	Psoriasis, psoriatic arthritis - etiopathogenesis, clinical image, treatment	1h	K_E.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U1. K_E.U3. K_E.U4. K_E.U5.
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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U3. K_E.U4. 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.W1. K_E.W2. K_E.W3. K_E.W18. K_E.W20. K_E.U3. K_E.U4. K_E.U14. K_E.U18.
TK09	Congenital syphilis: early and late syphilis, early and late congenital syphilis treatment, prevention of congenital syphilis	1h	K_E.W.1. K_E.W.2. K_E.W.3. K_E.W.18. K_E.W20. 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_EW.1. K_EW.2. K_E.W3. K_E.W18. K_E.W20. K_E.U3 K_E.U4 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 doctor, that includes managing patients on the wards, consultations at the emergency room and hospital rounds.	12h	K_E.U1. K_E.U2. K_E.U3. K_E.U4. K_E.U5. K_E.U8. K_E.U9. K_E.U14. K_E.U15. K_E.U16. K_E.U18. K_K.1. K_K.2. K_K.3. K_K.4. K_K.5. K_K.6. K_K.7. K_K.8. K_K.9. K_K.10. K_K.11.

Booklist

Obligatory literature:

1. T. Fitzpatrick, K. Wolff, R. Johnson: Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Sixth Edition; The McGraw-Hill Companies 2009 and later editions

Supplementary literature:

1. R. Marks: Roxburgh's common skin diseases, International Students' 18th Edition 2011 and later editions

2. R. Weller, H. Hunter, M.W. Mann: Clinical Dermatology, 5th 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...