

Dermatology and Venerology

Educational subject description sheet

Basic information

Department Faculty of Medicine Field of study Medical Program Study level long-cycle master's degree program Study form full-time Education profile general academic Disciplines Medical science Subject related to scientific research Yes		Didactic cycle 2016/17 Realization year 2018/19 Lecture languages English Block obligatory for passing in the course of studies Mandatory obligatory Examination examination Standard group E. Clinical non-procedural medical disciplines
Subject coordinator	Karolina Pełka	
Lecturer	Maciej Pastuszczak, Michał Andres, Katarzyna Podolec, Aleksander Obtułowicz, Andrzej Jaworek, Paweł Brzewski, Agnieszka Bronikowska, Karolina Pełka	
Periods Semester 5, Semester 6	Examination examination Activities and hours s seminar: 40, clinical classes: 50	Number of ECTS points 4.0

Goals

C1	Understanding the symptomatology of the most common dermatological diseases and the correct dermatological terminology.
C2	Understanding the etiopathogenesis, epidemiology, clinical picture, diagnostics and dermatological therapy of the most common infectious and non-infectious diseases of the skin, hair, nails and mucous membranes.
C3	Understanding etiopathogenesis, epidemiology, clinical picture, diagnosis and therapy of birthmarks, benign and malignant skin cancers.
C4	Understanding skin changes associated with diseases of internal and systemic organs.
C5	Poznanie etiopatogenezy, epidemiologii, obrazu klinicznego, diagnostyki i terapii chorób przenoszonych drogą płciową.
C6	Acquiring the ability to properly collect anamnesis and conduct a physical examination in terms of dermatological diseases and to draw conclusions in the form of proposals for diagnosis, differentiation, additional tests and treatment.

Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	development, structure and functions of the human body in normal and pathological conditions	O.W1	written examination
W2	symptoms and course of diseases	O.W2	written examination
W3	methods of diagnostic and therapeutic procedures appropriate for specific disease states	O.W3	written examination
W4	ethical, social and legal conditions for practicing the medical profession and the principles of health promotion, based on scientific evidence and accepted standards	O.W4	oral examination, oral credit
W5	methods of conducting scientific research	O.W5	written examination
W6	environmental and epidemiological determinants of the most frequent diseases	E.W1	written examination
W7	basic features, environmental and epidemiological conditions of the most common human skin diseases	E.W35	written examination
W8	the causes, symptoms, principles of diagnosis and therapeutic management of the most common sexually transmitted diseases	E.W36	written examination
W9	the types of biological materials to be used for laboratory diagnosis and the rules for the collection of test material	E.W39	written examination
W10	theoretical and practical basics of laboratory diagnostics	E.W40	written examination
W11	epidemiological problems of infectious diseases in the world and in Poland	E.W48	written examination
Skills - Student can:			
U1	identify medical problems and prioritize medical management	O.U1	oral examination, oral credit

U2	identify life-threatening conditions that require immediate medical intervention	O.U2	oral examination, oral credit
U3	plan the diagnostic procedure and interpret its results	O.U3	written examination
U4	implement appropriate and safe therapeutic treatment and predict its effects	O.U4	written examination
U5	plan own learning activities and constantly learn in order to update own knowledge	O.U5	written examination
U6	inspire the learning process of others	O.U6	oral credit
U7	communicate with the patient and his family in an atmosphere of trust, taking into account the needs of the patient	O.U7	oral examination
U8	communicate and share knowledge with colleagues in a team	O.U8	oral credit
U9	critically evaluate the results of scientific research and adequately justify the position	O.U9	oral credit
U10	carry out a medical history with an adult patient	E.U1	oral examination
U11	conduct a full and targeted physical examination of an adult patient	E.U3	oral examination
U12	assess the general condition, state of consciousness and awareness of the patient	E.U7	oral examination
U13	perform differential diagnosis of the most common diseases of adults and children	E.U12	oral examination
U14	plan diagnostic, therapeutic and prophylactic procedures	E.U16	oral examination
U15	analyze the potential adverse reactions of individual medicines and the interactions between them	E.U17	written examination
U16	propose individualization of existing therapeutic guidelines and other methods of treatment in the face of ineffectiveness or contraindications to standard therapy	E.U18	written examination
U17	qualify the patient for home and hospital treatment	E.U20	oral examination
U18	recognize states in which the duration of life, functional state or patient preferences limit the conduct in accordance with the guidelines specified for a given disease	E.U21	oral examination
U19	interpret the results of laboratory tests and identify the causes of abnormalities	E.U24	written examination
U20	interpret pharmaceutical characteristics of medicinal products and critically assess advertising materials for medicines	E.U31	written examination
U21	plan specialist consultations	E.U32	oral examination
U22	maintain patient's medical records	E.U38	oral examination
Social competences - Student is ready to:			
K1	to establish and maintain deep and respectful contact with patients and to show understanding for differences in world views and cultures	O.K1	oral examination
K2	to be guided by the well-being of a patient	O.K2	oral examination

K3	respect medical confidentiality and patients' rights	O.K3	oral examination
K4	take actions towards the patient on the basis of ethical norms and principles, with an awareness of the social determinants and limitations of the disease	O.K4	oral examination
K5	perceive and recognize own limitations and self-assessing educational deficits and needs	O.K5	oral examination
K6	promote health-promoting behaviors	O.K6	oral examination, oral credit
K7	use objective sources of information	O.K7	oral credit
K8	formulate conclusions from own measurements or observations	O.K8	written examination, oral credit
K9	implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment	O.K9	oral examination, oral credit
K10	formulate opinions on the various aspects of the professional activity	O.K10	written examination
K11	assume responsibility for decisions taken in the course of their professional activities, including in terms of the safety of oneself and others	O.K11	oral examination, oral credit

Calculation of ECTS points

Activity form	Activity hours*
seminar	40
classes	50
preparation for examination	50
Student workload	Hours 140
Workload involving teacher	Hours 90
Practical workload	Hours 50

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Physiology and pathology of the skin	W1, W2, W7, U1, K6, K7, K8	classes, seminar

2.	Bacterial, viral and fungal infections of the skin	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
3.	Skin aging	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
4.	Erythema and skin drug reactions	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
5.	Allergic skin diseases	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
6.	sexually transmitted diseases	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
7.	Connective tissue diseases	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar

8.	Basics of dermoscopy. Melanocytic nevi.	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	seminar
9.	Seborrheic skin diseases	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	seminar
10.	Bullous skin diseases	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	seminar
11.	Skin cancers, precancerous conditions, in situ cancers.	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	seminar
12.	Skin changes in the course of internal medicine diseases	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
13.	Selected aspects of pediatric dermatology	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes

14.	Basics of topical treatment in dermatology	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes
15.	Interventional dermatology and dermatosurgery	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes
16.	photodermatoses	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
17.	Cutaneous lymphomas	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
18.	Alopecia and other hair and scalp diseases. Diseases of the nail.	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar
19.	Melanoma and NMSC.	W1, W10, W11, W2, W3, W4, W5, W6, W7, W8, W9, U1, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U2, U20, U21, U22, U3, U4, U5, U6, U7, U8, U9, K1, K10, K11, K2, K3, K4, K5, K6, K7, K8, K9	classes, seminar

Course advanced

Teaching methods:

case study, brainstorm, classes / practicals, clinical classes, classes in simulated conditions, demonstration, discussion, e-learning, problem solving method, project method, case study method, presentation, group work, assignments solving, seminar, workshop, lecture, lecture with multimedia presentation, PBL Problem Based Learning, practical classes, Tutoring

Activities	Examination methods	Credit conditions
seminar	written examination, oral examination	uzyskanie odpowiedniej liczby punktów
classes	written examination, oral examination, oral credit	uzyskanie odpowiedniej liczby punktów

Entry requirements**Literature****Obligatory**

1. Dermatology Essentials - Jean L. Bologna, Julie V. Schaffer

Standard effects

Code	Content
E.U1	carry out a medical history with an adult patient
E.U3	conduct a full and targeted physical examination of an adult patient
E.U7	assess the general condition, state of consciousness and awareness of the patient
E.U12	perform differential diagnosis of the most common diseases of adults and children
E.U16	plan diagnostic, therapeutic and prophylactic procedures
E.U17	analyze the potential adverse reactions of individual medicines and the interactions between them
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E.U21	recognize states in which the duration of life, functional state or patient preferences limit the conduct in accordance with the guidelines specified for a given disease
E.U24	interpret the results of laboratory tests and identify the causes of abnormalities
E.U31	interpret pharmaceutical characteristics of medicinal products and critically assess advertising materials for medicines
E.U32	plan specialist consultations
E.U38	maintain patient's medical records
E.W1	environmental and epidemiological determinants of the most frequent diseases
E.W35	basic features, environmental and epidemiological conditions of the most common human skin diseases
E.W36	the causes, symptoms, principles of diagnosis and therapeutic management of the most common sexually transmitted diseases
E.W39	the types of biological materials to be used for laboratory diagnosis and the rules for the collection of test material
E.W40	theoretical and practical basics of laboratory diagnostics
E.W48	epidemiological problems of infectious diseases in the world and in Poland
O.K1	to establish and maintain deep and respectful contact with patients and to show understanding for differences in world views and cultures
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O.K5	perceive and recognize own limitations and self-assessing educational deficits and needs
O.K6	promote health-promoting behaviors
O.K7	use objective sources of information
O.K8	formulate conclusions from own measurements or observations
O.K9	implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment
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