

SYLLABUS The cycle of instruction 2019-2025			
Module/course name:	DERMATOLOGY	Module code	LK.3.E.011
Faculty:	I Faculty of Medicine with Dentistry Division II Faculty of Medicine with English Division		
Major:	Medical		
Specialty:			
Level of study:	I (Bachelor studies) <input type="checkbox"/> II (Master studies) <input type="checkbox"/> integrated Master studies X III (Doctoral studies) <input type="checkbox"/>		
Mode of study :	full-time X part-time (extramural) X		
Year of study:	I <input type="checkbox"/> II <input type="checkbox"/> III X IV <input type="checkbox"/> V <input type="checkbox"/> VI <input type="checkbox"/>	Semester :	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 X 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/>
Module/course type:	obligatory X elective <input type="checkbox"/>		
Language of instruction:	Polish <input type="checkbox"/> Foreign X		
Form of education	Hours		
Lecture	10		
Seminar	9		
Laboratory class	36		
E-learning			
Practical class			
Internship			

Student's work input(participation in class, preparation, evaluation, etc.) **Student's hourly workload**In class **55**Student's own work **35**Summary of the student's workload **90****ECTS points for module/course 3****Educational objectives:**

Dermatology course will provide the knowledge of epidemiology, clinical presentation, diagnosis and treatment of skin diseases. The aim of the course is to acquire students' ability to recognize skin diseases, to get know with diagnostic methods and therapy options. Students will understand relationships of internal organs diseases with skin lesions. Students will understands the causes, symptoms, diagnosing and management principles of most common sexually transmitted diseases. Dermatology is the branch of medicine concerning the skin, hair, nails, and their associated conditions. Basic knowledge of dermatology is essential for every physician, as approximately 50% of skin-related consultations are initially assessed by non-dermatologists. The most common conditions seen by dermatologists include acne, actinic keratoses, non-melanoma skin cancers, benign tumors, and contact dermatitis. Dermatological conditions can often be diagnosed based on patient history and physical examination, but may require laboratory testing or biopsy to confirm the diagnosis. The course will focus on recognition of skin lesions in patients and on development students' ability to associate symptoms with a disease. Students will be provided with the most current knowledge about diagnostic procedures and management of dermatological diseases including medication (topical and systemic) and physical procedures (e.g., surgery, laser therapy, cryotherapy, radiotherapy, phototherapy). Students will be familiar with different forms of topical treatment, because it is often the first choice as topical treatment causes fewer systemic side effects and is easily administered.

The matrix of learning outcomes for module/ subject with reference to verification methods of the intended educational outcomes and forms of instruction:

Learning outcome code	A student who has obtained a credit for the module/course has the knowledge/skill to:	Methods of verifying the achievement of the intended learning outcomes:	Form of instruction * provide the symbol
W01 (E.W1.)	knows the genetic, environmental and epidemiological background of most common diseases	written exam - MCQ - MRQ - matching test - true/false test	Lecture/ Lab class/Seminar
W02 (E.W3.k)	<i>knows and understands the causes, symptoms, principles of diagnosing and therapeutic procedures of most common children`s diseases:</i> connective tissue disorders, rheumatic fever, juvenile idiopathic arthritis, systemic lupus erythematosus, dermatomyositis	written exam - MCQ - MRQ - matching test - true/false test	Lecture/ Lab class/Seminar

W03 (E.W33.)	knows the basic characteristics, environmental and epidemiological background of most common human disorders of the skin	written exam - MCQ - MRQ - matching test - true/false test	Lecture/ Lab class/Seminar
W04 (E.W34.)	knows and understands the causes, symptoms, diagnosing and management principles of most common sexually transmitted diseases	written exam - MCQ - MRQ - matching test - true/false test	Lecture/ Lab class/Seminar
U01 (E.U2.)	carries out history taking in a child and his/her family	Mini-CEX (mini – clinical examination) - completion of a given assignment - presentation	Lab class
U02 (E.U30. f, g)	<i>assists in carrying out of the following medical procedures:</i> epidermal tests intra dermal and scarificating tests	Mini-CEX (mini – clinical examination) - completion of a given assignment - presentation	Lab class
U03 (E.U31.)	interprets pharmaceutical characteristics of medical products and makes critical assessment of advertising materials referring to medicinal drugs	Mini-CEX (mini – clinical examination) - completion of a given assignment - presentation	Lab class
U04 (E.U32.)	can plan specialist consultations	Mini-CEX (mini – clinical examination) - completion of a given assignment - presentation	Lab class
U05 (E.U35.)	assesses pressure sores and applies adequate dressings	Mini-CEX (mini – clinical examination) - completion of a given assignment - presentation	Lab class
U6 (E.U38.)	can keep patient` s medical records	Mini-CEX (mini – clinical examination) - completion of a given assignment - presentation	Lab class
K01	can work in a group	- an extended observation by a supervisor/tutor - 60-degree assessment (feedback from teachers)	Lecture/ Lab class/Seminar

K02	actively participates in classes and behaves appropriately	- an extended observation by a supervisor/tutor - 60-degree assessment (feedback from teachers)	Lecture/ Lab class/Seminar
K03	can converse with patients and treats them with respect	- an extended observation by a supervisor/tutor - 60-degree assessment (feedback from teachers)	Lecture/ Lab class/Seminar

EXAMPLES OF METHODS VERIFYING THE ACHIEVEMENT OF THE INTENDED LEARNING OUTCOMES:

In terms of knowledge: Written exam – the student produces/identifies answers (*multiple choice questions /MCQ/; multiple response questions /MRQ/; matching test; true/false test*).

In terms of skills: Mini-CEX (mini – clinical examination); completion of a given assignment; project, presentation.

In terms of social competences:

An extended observation by a supervisor/tutor; feedback from teachers.

Course content: (use keywords referring to the content of each class following the intended learning outcomes):

Lectures:

1. Venereal diseases 2h
2. Atopic dermatitis 2h
3. Diseases of blood vessels and hemorrhagic disorders 2h
4. Hair diseases 2h
5. New therapeutic options in dermatology 2h

Seminar:

1. **Structure and functions of the skin.** Structure of epidermis, dermis, subcutaneous tissue. Cells of epidermis and their function 1h
2. **Appendages of the skin.** Sebaceous glands. Sudoriferous glands. Hair. Nails 1h
3. **Terminology of skin lesions.** Primary and secondary skin lesions 1h
4. **Principles of dermatological diagnosis** 1h
5. **Diagnostic procedures used in dermatology** 1h
6. **Paraneoplastic diseases.** 2h
7. **Epidemiology, clinical presentation, diagnosis and treatment of epizoonoses.** Scabies. Pediculosis. 2h

Laboratory class:

1. **Epidemiology, clinical presentation, diagnosis and treatment of bacteria diseases of the skin.** Purulent skin diseases. Impetigo. Erysipelas. Cellulitis. Folliculitis. Furuncle, Carbuncle. Bacterial paronychia. Staphylococcal scalded-skin syndrome. Indications and rules of antibiotic therapy.
2. **Epidemiology, clinical presentation, diagnosis and treatment of virus diseases of the skin.** Varicella Zoster infection. Herpes simplex infection. Molluscum contagiosum infection. Human papillomavirus infection. Rules of cryotherapy.
3. **Epidemiology, clinical presentation, diagnosis and treatment of dermatomycoses.** Candidiasis. Tinea versicolor. Tinea pedis. Tinea faciei. Tinea barbae. Tinea unguium.
4. **Epidemiology, clinical presentation, diagnosis and treatment of connective tissue diseases.** Types of autoantibodies and their importance in disease recognition and course. Cutaneous connective tissue diseases: lupus erythematosus (DLE, SCLE), scleroderma. Systemic connective tissue diseases : SCLE, systemic sclerosis, dermatomyositis.
5. **Epidemiology, clinical presentation, diagnosis and treatment of bullous diseases.** Pemphigus vulgaris. Pemphigoid. Paraneoplastic pemphigus.
6. **Epidemiology, clinical presentation, diagnosis and treatment of skin cancers and pre-cancerous conditions.** Actinic keratosis. Leukoplakia. Basal cell carcinoma. Squamous cell carcinoma. Melanoma. Mycosis fungoides. Sezary syndrome.
7. **Epidemiology, clinical presentation, diagnosis and treatment of disorders of sebaceous glands and related conditions.** Acne. Acne rosacea. Perioral dermatitis. Dermatitis seborroica.
8. **Epidemiology, clinical presentation, diagnosis and treatment of psoriasis, lichen planus.** Psoriasis vulgaris. Psoriasis pustulosa. Psoriasis arthritis. Lichen planus. Oral lichen planus. Diseases associated with systemic diseases (diabetes, thyroid abnormalities, porphyries).
9. **Epidemiology, clinical presentation, diagnosis and treatment of allergic skin diseases.** Acute urticaria. Chronic urticaria. Physical urticaria. Allergic contact dermatitis. Toxic contact dermatitis

Obligatory literature for Lecture:

Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Seventh Edition 7th Edition by Klaus Wolff, Richard Johnson, Arturo Saavedra

Complementary literature for Lecture:

Shimizu's Dermatology 2nd Edition by Hiroshi Shimizu

Obligatory literature for Lab classes:

Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Seventh Edition 7th Edition by Klaus Wolff, Richard Johnson, Arturo Saavedra

Complementary literature for Lab classes:

Shimizu's Dermatology 2nd Edition by Hiroshi Shimizu

Requirements for didactic aids (multimedia projector, movie camera, etc.)

- Laptop
- Multimedia projector
- Videodermoscope
- Wood lamp

Conditions for obtaining a credit for the subject:

- ☐ **Methods of evaluation:** The overall course grade will be determined by the results of in-class activity, student presentation and final comprehensive written and practice exam, which verify if the student acquired the knowledge, of the information as stated in the syllabus. A passing score confirms the satisfactory fulfilment of course requirements and is based on student's class attendance.
- ☐ Very good student presentations will be awarded with 5 extra point for the final exam.

Practical skills test (assessment of skin lesions, proposal of diagnostic and therapeutic procedures).

- ☐ 5 patient cases – 5 points
- ☐ Student has to obtain 3 points to complete a course.

In-class activity – observation sheet

- ☐ Activity and attitude during the classes will be assess with 0 to 3 points each. Student has to obtain 60% or higher to complete a course.

Exam

Comprehensive Final Exam

- ☐ Questions for the exam will be drawn from reading, lecture and lab activities.
- ☐ Regular classroom attendance, participation in class discussion and studying according to class objectives will contribute to student's success on the exam.
- ☐ In order to pass this course, each student must pass the final written examination with a grade of 60% or higher. In addition, each student must earn an overall grade of 60% or higher for in-class activity. There will be no exceptions to this rule.
- ☐ The use of electronic devices with electronic data bases is not permitted during written or oral exams unless specified by course coordinator.
- ☐ Exam takes place during the end-of-term examination sessions.
- ☐ The student is informed about the criteria of evaluation before approaching the exam, additionally, the student has the right to have an insight into his/her paper within 7 days from the release of examination results. If the exam is conducted in the form of a test , there is one set of questions for all students taking it at the same time.
- ☐ The date of the comprehensive exam ought to be announced at least 4 weeks before the examination session and at least 10 days before the make-up session. If a student does not appear at the exam, it is recorded in the protocol as "absent". A justification ought to be handed in or sent to the Dean's office within 3 days from the exam date. In case of unexcused absence, the Dean writes unsatisfactory mark (fail). After receiving Dean's approval, the examiner sets a new date. The same rules apply to pass, make up and commission exams. Exam results are available within up to 7 days but no later than 3 days before the make-up exam.
- ☐ Exam consists of 100 questions with one correct answer. The **grading scale** is listed below:
 - 100-91 pkt. – very good 5,0
 - 90- 86 pkt. - better than good 4,5
 - 85-76 pkt. - good 4,0
 - 75-71 pkt. - quite good 3,5
 - 70-60 pkt. - satisfactory 3,0
 - 59-0 pkt. - unsatisfactory 2,0

Attendance: Attendance is required. Student must participate in seminar and lab sessions according to the schedule. During the semester only 1 absence is possible. All excused absences from class must be reported. Participation performance will not be penalized for excused absences. In the case of absences with excuse in the form of seminars, labs or practical classes, the content of classes the student missed shall be made up according to the schedule given by the instructor.

Tardiness: Students are expected to arrive at class on time. Students that arrive after class begins will not be permitted in the classroom until the break. 3 tardiness will be considered 1 complete

absence.

Uniforms: Students will be in uniform the first day of class. Students are expected to attend class in white lab coat and lab shoes or shoe covers (otherwise student won't be able to participate in the lab). Students are not permitted to wear heavy outside coats or jackets to any lab.

- ☐ Using mobile phones during the lectures, seminars and labs is forbidden.

Missed exams/Assignments/Make-up policy: Student not present to take an assigned examination may receive a grade of zero (0) for that examination. The student may be allowed to make-up an examination under the following circumstances:

- ☐ Absence is due to serious illness/hospitalization of the student or an immediate family member. Documentation by a health care provider will be required at the time the student requests a make-up exam for the day of illness.
- ☐ Absence is due to family emergency, verified by a note from the professional person in attendance.
- ☐ Absence is due to a death in the immediate family. Documentation will be required.
- ☐ An absence that the faculty and/or Department Head deems as unavoidable.

To be eligible for a make-up exam in the above circumstances, the student must notify their instructor PRIOR to the absence, and must make arrangements within 48 hours after the absence for the retake. Faculty has the right to offer an alternative form of the exam.

**The name and address of the department/clinic where the course is taught (module/course);
contact details (phone number/ email address):**

Katedra i Klinika Dermatologii, Wenerologii i Dermatologii Dziecięcej tel: 81 532-36-47, email:
klinika.dermatologii@umlub.pl

Course Coordinator: dr n. med. Anna Michalak-Stoma

Names of the author/authors of this syllabus: Prof. dr hab. n. med. Dorota Krasowska, dr n. med.
Anna Michalak-Stoma

Names of the teacher/teachers conducting classes:

Prof. dr hab. n. med. Dorota Krasowska, dr hab. n. med. Joanna Bartosińska, dr n. med. Agnieszka
Gerkowicz, dr n. med. Anna Michalak-Stoma, dr n. med. Małgorzata Michalska-Jakubus, dr n. med.
Marta Rusek, dr n. med. Bartłomiej Wawrzycki, lek. med. Michał Adamczyk, lek. med. Beata
Polkowska-Pruszyńska, lek. med. Aleksandra Walczak, lek. med. Katarzyna Wolska-Gawron, lek.
med. Paulina Szczepanik-Kuślak

Signature of the head of the department/clinic

Dean's signature

.....

.....

Date of submission: