

## REQUIREMENTS

**Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme**

**Name of the host institution (and any contributing institutions):**

Department of Dermatology-Venerology and Dermatoooncology

**Name of the subject: Dermatology**

**in English: Dermatology**

**in German: Dermatologie**

**Credit value: 4**

**Semester: IV.**

*(as defined in the curriculum)*

<b>Total number of classes</b>	<b>lectures:</b>	<b>practical lessons:</b>	<b>seminars: -</b>
<b>per week: 56 hours</b>	<b>2 hours</b>	<b>54 hours</b>	

**Type of subject: compulsory      optional      elective**

**(PLEASE UNDERLINE AS APPLICABLE)**

**Academic year: 2023/2024.**

**Language of instruction, for optional or elective subjects: English**

**Course code: AOKBOR043\_1A**

*(In the case of a new subject, this cell is filled in by the Dean's Office, following approval)*

**Tutor: Professor Dr. Péter Holló, med. habil., PhD.**

**Position: Head of the Department**

**Date of habilitation: 02/2015**

**Course coordinator: Dr. Kende Lőrincz PhD, assistant lecturer**

**Place of work, phone number: Semmelweis University, Department of Dermatology-Venerology and Dermatoooncology , 1085 Budapest Mária street 41. tel.: +36(1)266-0471/55727 (secretary's office)**

**Position:**

**Date and number of habilitation:**

**Objectives of the course and its place in the medical curriculum:**

Understanding the morphology, structure, physiology and general pathology of the skin. Basics of the skin immune system, dermato-allergology, immunology, venereology and dermato-oncology. The main objective is to provide knowledge on the aetiopathogenesis, diagnosis and treatment of skin diseases that can be used in general medical practice. Problem-oriented evaluation and placement of skin disorders in the context of general medicine.

**Place of instruction (address of lecture hall or seminar room etc.):**

Department of Dermatology-Venerology and Dermatoooncology  
(1085 Budapest, Mária utca 41.): lecture room and Földvári-room (209) on the second floor;

outpatient clinics and inpatient departments.
<p><b>Competencies acquired through the completion of the course:</b></p> <p><u>General competences:</u> taking anamnesis, effective patient communication, performing physical examination, summarising the data obtained during the examination, preparing a diagnostic and therapeutic plan.</p> <p><u>Subject-specific competences:</u> description of the dermatological status with primary and secondary efflorescences, application of basic topical agents, treatment of pyoderma and ulcers, treatment of erysipelas, preparation of a dressing, recognition of chronic venous insufficiency, suspected arterial obliterative disease, treatment of herpes; HPV recognition and treatment; recognition and treatment of onychomycosis and intertigo; recognition and treatment of scabies and pediculosis; identification of clinical signs of gonorrhea, HIV diagnosis; syphilis diagnosis; recognition of the clinical signs of bacterial vaginosis, vulvovaginitis candidiosa, non-gonorrheal urethritis, recognition of suspected skin tumours, suspicion of psoriasis and psoriatic arthritis; recognition of the clinical picture of lichen ruber planus, rosacea, acne vulgaris; clinical differentiation of blistering skin diseases; suspect autoimmune blistering skin disease, recognise basic drug-related adverse reactions; suspect TEN by clinical examination; recognise and treat acute urticaria and Quincke's oedema; recognise burns and frostbite; orient HE stained skin histological sections.</p>
<p><b>Prerequisites for course registration and completion:</b> Pathology II, Medical Microbiology II, Pharmacology II</p>
<p><b>Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject: -</b></p>
<p><b>Student headcount conditions for starting the course (minimum, maximum) and method of student selection:</b> min.:5; max.: 25 /block</p>
<p><b>Detailed course description:</b> <i>(Theoretical and practical instruction must be broken down into lessons (weeks), numbered separately. Please provide the names of lecturers in both types of lessons, indicating guest lecturers. This information is not to be attached separately. CVs of guest lecturers, however, must be attached.)</i></p> <p><b>Classroom lecture:</b> <b>Introduction lecture (Prof. Dr. Péter Holló/ Dr. Kende Lőrincz)</b></p> <p><b>Group practicals in dermatological inpatient wards and special outpatient clinics according to the timetable.</b></p> <p><b>Interactive classroom exercises:</b>  <b>Psoriasis</b> (Dr. Kende Lőrincz)  <b>Leg ulcer</b> (Dr. András Bánvölgyi)  <b>Bacterial and viral skin infections</b> (Dr. Norbert Kiss)  <b>Ulcus cruris</b> (Dr. Bánvölgyi András/Dr. Kende Lőrincz)  <b>Internal diseases of the skin</b> (Dr. Andrea Lukács)  <b>Some inflammatory diseases</b> (Prof. Miklós Sárdy)  <b>Urticaria and ekzema</b> (Dr. Anikó Kovács)  <b>Dermatosurgery</b> (Dr. Kende Lőrincz)</p>

**Dermatooncology** (Dr. Daniella Kuzmanovszki/ Dr Kende Lőrincz)

**STP's** (Dr. Norbert Kiss/ Dr. Béla Tóth)

**Autoimmun bullosus diseases** (Dr. Anikó Kovács)

**Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:**

**Other subjects (both compulsory and optional!) relating to the borderline issues of the subject. Possible overlaps between subjects:**

microbiology, pathology, anatomy and biology, physiology, pharmacology, internal medicine, infectology, oncology, immunology-allergology, plastic surgery, phlebology, oral pathology, gynaecology, urology, psychiatry, biochemistry, clinical genetics.

**Specific coursework required for successful completion of the subject:**

Active participation in interactive classroom, in-class and outpatient exercises.

**Attendance requirements and the possibility of making up for absences:**

Attendance at all inpatient and classroom exercises is compulsory, 25% absence is allowed. Absence of 25% is allowed for additional practicals. Absences above 25% must be made up. The Clinic will provide make-ups within a given rotation or in subsequent rotations.

**Form of assessment in the study period:**

Written test in the 2nd week of each rotation.

**Number and type of assignments for individual work and the deadline for submission:**

E-learning (online interactive exercise) in Moodle according to the timetable.

**Requirements to obtain the teacher's signature:** Active participation in the training. Certified completion of 75% of the exercises.

**Type of assessment:** (*comprehensive examination, end-term examination, term-grade, term-grade on a three-grade rating scale, coursework project, no examination*)

Semi-final examination- Colloquium

**Examination requirements:**

The exam consists of practical (patient examination) and theoretical parts.

The theoretical examination may be taken after a successful practical examination. The practical examination may be replaced by a written test.

In the theoretical exam, the student has to answer 2 randomly selected questions from the published items:

**I.**

1. Elementary phenomena on the skin
  2. Structure of the epidermis and dermis. Barrier and adaptive functions of the skin.
  3. Principles of dermatological topical treatment. Indications and side effects of corticosteroid treatment
  4. Urticaria, Quincke's oedema
  5. atopic dermatitis
- Definition and classification of eczema, principles of its treatment. Dyshidrosis.
7. Clinical manifestations of drug-induced eczema. Stevens-Johnson syndrome. TEN (Lyell syndrome).

8. Clinical forms of basalioma
9. Clinical forms of spinalioma
10. Stained moles, melanoma malignum
11. Praecanceroses. In situ carcinomas. Paraneoplasias.
12. Cutaneous T-cell lymphomas. M. Kaposi
13. Clinical forms and treatment of psoriasis
14. Lichen ruber planus. Pityriasis rosea
15. Sebum production disorders, acne disease, rosacea
16. Cutaneous manifestations of lupus erythematosus (DLE, SLE), investigation plan
17. scleroderma (Morphea, PSS)
18. dermatomyositis
19. Skin manifestations of diabetes. Skin manifestations of liver disease. Causes and treatment of pruritus
20. dermatitis herpetiformis Duhring, pemphigoid, pemphigus clinic and their treatment
21. Clinical features, differential diagnosis and treatment of venous leg ulcers
22. Alopecia
23. Erythema exsudativum multiforme. Erythema nodosum.
24. Vasculitis allergica (cutan leukocytoclasticus angiitis), clinical forms, therapy and differential diagnostics.

## II.

1. Definition of STDs/STIs, causative agents of sexually transmitted infections
2. Sexually transmitted infections causing infertility, perinatal complications
3. Symptoms of syphilis stage I, development of infection
4. Symptoms of syphilis stage II
5. Skin symptoms and visceral lesions of late syphilis
6. Laboratory diagnosis of syphilis
7. Treatment of syphilis (in different stages, in pregnant women and in case of penicillin allergy)
8. Gonorrhoeal infection in men, complications of infection
9. Gonorrhoeal infection in women, complicated forms of infection
10. Laboratory diagnosis and treatment of gonorrhoea
11. Clinical manifestations and treatment of Chlamydia trachomatis infections
12. Diseases caused by herpes virus. Clinical presentation and treatment of progenital herpes.
13. Clinical presentation and treatment of human papilloma virus infections
14. Clinic and clinical presentation of Trichomonas vaginalis. Bacterial vaginosis.
15. Vulvovaginitis candidomycetica, balanitis candidosa. Angulus infectiosus oris, candidosis oris
16. HIV infection, AIDS
17. Clinical picture and treatment of impetigo contagiosa, folliculitis, furunculus, carbunculus
18. Clinical picture, differential diagnosis and treatment of erysipelas
19. Lyme disease
20. Pityriasis versicolor. Microsporia.
21. Mycosis superficialis capitis, corporis. Mycosis pedis.
22. Intertrigo mycotica. Erythrasma. Hydradenitis suppurativa.
23. onychomycosis. Paronychia chronica.
24. Recognition and treatment of scabies. Pediculoses

### **Method and type of grading:**

*(Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.)*

The practical exam is oral and takes place at the patient's bedside - the assessment is part of

the theoretical exam mark.

The theoretical topics are presented orally. Students may receive a grade: 1 - 5 according to their knowledge.

**List of course books, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids:**

*Recommended textbooks:*

Dermatology Made Easy 1st Edition by Amanda Oakley

Dermatology Essentials 2nd Edition by Jean L. Bolognia MD

*Online sources:*

*cyberderm.com*

DermNet.nz

UpToDate.com / Dermatology

**Signature of habilitated instructor (course coordinator) announcing the course:**

**Signature of the director of the host institution:**



**Date of submission:**

04 / 05 / 2023



