**T.C. MALTEPE UNIVERSITY FACULTY OF MEDICINE**

**UNDERGRADUATE PROGRAM
2023-2024 ACADEMIC YEAR**

**EDUCATIONAL INFORMATION PACKAGE**

| **COURSE INFORMATION** |
| --- |
| **Course Name** | Dermatology Clerkship | **Course Code** | **MED 511** |
| **Phase**  | 5 | **Level of the Course** | Undergraduate | **Language of the Course** | English |
| **Mode of Delivery** | Face to face, E-Learning , hybrid | **Lesson Type** | Compulsory |
| **Practice/Laboratuary Site** | Maltepe University Medical Faculty Hospital,  | **Suggested Courses** | None |
| **Prerequisite** | 1. MED 100 2. MED 2003. MED 3004. All courses in Phase 4 | Concurrent Requirements:None |

| **ECTS**  |
| --- |
| **ECTS Credits** | **Theoretical Lecture Hours** | **Practical Hours** | **Course Duration** |
| 3 | 34 | 26 | 2 weeks |

| **COURSE COORDINATORS AND INSTRUCTORS** |
| --- |
| **Contact information and office hours of the Coordinator:**Tuğba Rezzan EKMEKÇİ, MD., Professor, Maltepe University, Faculty of MedicineDepartment of Dermatologytugba.ekmekci@maltepe.edu.tr, Extension: 2104**Office Hours:** Wednesday:14:00-15:00

| **Contact information and office hours of the Academic Staff:**Işıl BULUR, MD, Associate Professor, Maltepe University, Faculty of MedicineDepartment of Dermatologyisilbulur@yahoo.com, Extension: 2104**Office Hours:** Wednesday:14:00-15:00Hüsna GÜDER, MD, Assistant Professor, Maltepe University, Faculty of MedicineDepartment of Dermatologyhusna.guder@maltepe.edu.tr, Extension: 2104**Office Hours:** Wednesday:14:00-15:00 |
| --- |

 |

| **GENERAL OBJECTIVE AND CATEGORY OF THE COURSE** |
| --- |
| The acquisition of etiology, diagnosis, laboratory findings, clinical characteristics and treatment modalities of skin diseases.

| **COURSE CATEGORY** |
| --- |
| 1. Basic vocational course
 | **x** |
| 1. Specialization / Field Course
 |  |
| 1. Support lectures
 |  |
| 1. Transferable skill courses
 |  |
| 1. Humanities, Communication and Management skill courses
 |  |

 |

| **COURSE LEARNING OUTCOMES, SUB-SKILLS and COMPETENCIES** |
| --- |
| **Students completing this course;**

| **Sequence No.** | **Learning Output / Sub - Skills / Competencies** | **Education method** | **MR Method** |
| --- | --- | --- | --- |
| **1** | Students are able to summarize diagnosis, differential diagnosis and treatment modalities of skin diseases. | EY2, EY4, EY5 | ÖD1, ÖD4 |
| **2** | Students are able to identify skin lesions | EY2, EY4, EY5 | ÖD1, ÖD4 |
| **3** | Students are able to recognize dermatological emergencies and start their first treatment. | EY2, EY4, EY5 | ÖD1, ÖD4 |
| **4** | Students are able to make differential diagnosis in rashes | EY2, EY4, EY5 | ÖD1, ÖD4 |
| **5** | Students are able to treat urticaria | EY2, EY4, EY5 | ÖD1, ÖD4 |
| **6** | Students knows side effects, usage, the classes of topical steroids | EY2, EY4, EY5 | ÖD1, ÖD4 |
| 7 | Makes the differential diagnosis of benign and malignant skin lesions. | EY2, EY4, EY5 | ÖD1, ÖD4 |

 |

| **GENERAL COMPETENCIES:** |
| --- |
| 1. Productive
2. Rational
3. Creative
4. Ethical
5. Respectful to differences
6. Sensitive to social issues
7. able to use own language effectively
8. Sensitive to environment
9. Able to use a foreign language effectively
10. Able to adapt to different social roles in various situations
11. Able to work as a team member
12. Able to use time effectively
13. Having a critical mind
 |

| **COURSE CONTENTS** |
| --- |
| The skin is our largest organ that covers our body and is a barrier against the external environment. An epidermis consisting of stratified keratinocyte layers at the top; It is a complex epithelial and mesenchymal tissue consisting of a dermis with hair follicles, sweat and sebaceous glands in the middle, and a hypodermis with adipose tissue underneath. The skin provides epidermal balance, hair regeneration and wound repair by using stem cells.Many diseases are seen on the skin, including infections, infestations, inflammatory diseases, genetic diseases, trauma-related damage, and tumoral diseases. These diseases can be diseases that primarily affect the skin and its appendages, as well as the findings of systemic diseases.Dermatology internship training should include the structure and functions of the skin, skin examination, diagnosis and treatment of common skin diseases.With the help of all this information, a student doing a dermatology internship should be able to examine the healthy and/or patient skin, go to the diagnosis, perform some interventional applications (eg, abscess drainage, molluscum drainage, etc.) and be of quality and standard, able to organize the treatment (write a prescription).1. Skin layers, skin appendages, functions2. Morphology of skin lesions3. Methods used in the diagnosis of skin diseases4. Methods used in the treatment of skin diseases |

| **COURSE TEXTBOOKS AND SUPPLEMENTARY READINGS** |
| --- |
| **Textbooks**Habif Clinical DermatologyThe Dermatology Handbook A Clinician’s GuideFitzpatrick’s Dermatology Flash Cards**Supplemantary Readings** Can Baykal Dermatoloji Atlası |

| **COURSE ASSESSMENT AND EVALUATION SYSTEM** |
| --- |
|

| **Studies during the year** | **Percent grade** |
| --- | --- |
| **Clerkship Examination**  | **%70** |
| **Structured Oral Examination**  | **%30** |
| **ICE (İş Başı Değerlendirme)** | %0 |
| **OSCE (Structured Subjective Clinical Examination)** | %0 |
| **Attendance**  | %0 |
| **Laboratory** | %0 |
| **Clinical Practice** | %0 |
| **Field study** | %0 |
| **Lesson Specific Internship** (if there is)  | %0 |
| **Homework** | %0 |
| **Presentation** | %0 |
| **Project** | %0 |
| **Seminar** | %0 |
| **Problem Based Learning** | %0 |
| **Others** | %0 |
| **TOTAL** | **100** |

**NOTES:**Assessment and Evaluation System is organized according to T.C. Maltepe University Faculty of Medicine Education and Training Regulations. |

| **ECTS STUDENT WORKLOAD TABLE** |
| --- |
|

| **Activities** | **Number** | **Duration****(hours)** | **Total work load** |
| --- | --- | --- | --- |
| **Lectures** | 34 | 1 | 34 |
| **Laboratory** | - | - | - |
| **Practice** | 26 | 1 | 26 |
| **Lesson specific internship** (if there is)  | - | - | - |
| **Field study** | - | - | - |
| **Lesson study time out of class** (pre work, strengthen, etc) | 7 | 1 | 7 |
| **Presentation / Preparing seminar** | - | - | - |
| **Project** | - | - | - |
| **Homework** | - | - | - |
| **İnterval examinations** | - | - | - |
| **Clerkship Examination**  | 1 | 1 | 1 |
| **Total work load**  | **68** |

 |

| **RELATIONSHIP BETWEEN DERMATOLOGY CLERKSHIP LEARNING OUTCOMES AND MEDICAL EDUCATION PROGRAMME KEY LEARNING OUTCOMES** |
| --- |
|

| **No** | **Program Competencies/ Outcomes** | **Level of Contribution[[1]](#footnote-0)\*** |
| --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| **1** | Able to explain the normal structure and functions of the organism. |  |  | x |  |  |
| **2** | Able to explain the pathogenesis, clinical and diagnostic features of psychiatric disorders |  |  |  |  | x |
| **3** | Able to take history and perform mental status examination. |  |  |  |  | x |
| **4** | Able to perform first step interventions and refer and transfer cases in life threatening emergency situations. |  |  |  |  | x |
| **5** | Able to perform necessary basic medical interventions for the diahnosis and treatment of mental |  |  |  |  | x |
| **6** | Able to perform preventive measures and forensic practices. |  |  | x |  |  |
| **7** | Having sufficient knowledge about the structure and process of the National Health System. |  |  | x |  |  |
| **8** | Able to define legal responsibilities and ethical principles.  |  |  | x |  |  |
| **9** | Able to perform first step care of most prevalent disorders in the community with effective evidence based medical methods. |  |  | **x** |  |  |
| **10** | Able to organize and implement scientific meetings and projects  |  |  | **x** |  |  |
| **11** | Able to use a major foreign language sufficient enough for follow up of literature and update of medical knowledge; able to use computer and statistical skills for the evaluation of scientific studies.  |  |  | **x** |  |  |

 |

| **PHASE 5 MED 511 DERMATOLOGY CLERKSHIP COURSE LIST AND RANKING** |
| --- |
|

| **No** | **Subject/Competence** | **Instructor** |
| --- | --- | --- |
| 1 | Structure and functions of the skin (Theoretical: 2 Hours) | Işıl Bulur |
| 2 | Morphology of Skin Lesions (Theoretical: 2 Hours) | Işıl Bulur |
| 3 | Bacterial diseases of the skin (Theoretical: 2 Hours) | Işıl Bulur |
| 4 | Viral diseases of the skin (Theoretical: 2 Hours) | Işıl Bulur |
| 5 | Parasitic diseases of the skin (Theoretical: 1 Hour) | Hüsna Güder |
| 6 | Fungal diseases of the skin (Theoretical: 2 Hours) | Hüsna Güder |
| 7 | Arthropod Bites (Theoretical: 1 Hour) | Hüsna Güder |
| 8 | Psoriasis vulgaris (Theoretical: 2 Hours) | Işıl Bulur |
| 9 | Lichen planus (Theoretical: 1 Hour) | Işıl Bulur |
| 10 | Vitiligo (Theoretical: 1 Hour) | Işıl Bulur |
| 11 | Drug eruptions (Theoretical: 2 Hours) | Işıl Bulur |
| 12 | Behçet's disease (Theoretical: 1 Hour) | Işıl Bulur |
| 13 | Bullous diseases (Theoretical: 2 Hours) | Işıl Bulur |
| 14 | Eczemas (Theoretical: 2 Hours) | Işıl Bulur |
| 15 | Atopic dermatitis (Theoretical: 1 Hours) | Işıl Bulur |
| 16 | Cutaneous Vasculitides (Theoretical: 2 Hours) | Işıl Bulur |
| 17 |  Urticaria Angioedema (Theoretical: 2 Hours) | Işıl Bulur |
| 18 | Seborrheic dermatitis (Theoretical: 1 Hours) | Hüsna Güder |
| 19 | Acne vulgaris (Theoretical: 1 Hours) | Hüsna Güder |
| 20 | Pityriasis rosea (Theoretical: 1 Hour) | Hüsna Güder |
| 21 | Tumors of the skin (Theoretical: 2 Hours) | Hüsna Güder |
| 22 |  General and problem-oriented history taking in dermatology (Practice: 6 Hours) | Tuğba Rezan Ekmekci |

 |

| **PHASE 5 MED 511 DERMATOLOGY CLERKSHIP SCHEDULE** |
| --- |
| 1. Week |
| Days | Monday  | Tuesday | Wednesday | Thursday | Friday |
| 8.30-9.30 | Structure and functions of the skin (Theoretical) | Viral diseases of the skin (Theoretical) | Parasitic diseases of the skin (Theoretical) | Vitiligo (Theoretical) | Eczemas (Theoretical) |
| 9.30-10.30 | Structure and functions of the skin (Theoretical) | Viral diseases of the skin (Theoretical) | Fungal diseases of the skin (Theoretical) | Drug eruptions (Theoretical) | Eczemas (Theoretical) |
| 10.30-11.30 | Morphology of Skin Lesions (Theoretical) | Psoriasis vulgaris (Theoretical) | Fungal diseases of the skin (Theoretical) | Drug eruptions (Theoretical) | Atopic dermatitis (Theoretical) |
| 11.30-12.30 | Morphology of Skin Lesions (Theoretical) | Psoriasis vulgaris (Theoretical) | Fungal diseases of the skin (Theoretical)Arthropod Bites (Theoretical) | Behçet's disease (Theoretical) | Cutaneous Vasculitides (Theoretical)  |
| 12.30-13.30 | Bacterial diseases of the skin (Theoretical) | Lichen planus (Theoretical) | Policlinic | Bullous diseases (Theoretical) | Cutaneous Vasculitides (Theoretical)  |
| 13.30-14.30 | Bacterial diseases of the skin (Theoretical) | Policlinic | Policlinic | Bullous diseases (Theoretical) | Urticaria Angioedema (Theoretical) |
| 14.30-15.30 | Policlinic | Policlinic | Policlinic | Policlinic | Urticaria Angioedema (Theoretical) |
| 15.30-16.30 | Policlinic | Policlinic | Policlinic | Policlinic | Policlinic |
| 16.30-17.30 | Policlinic | Policlinic | Policlinic | Policlinic | Policlinic |
|  |  |  |  |  |  |
|  |
| 2.Week |
| 8.30-9.30 | Seborrheic dermatitis (Theoretical: 1 Hours) | Policlinic | Policlinic | Policlinic | Theorical examination |
| 9.30-10.30 | Acne vulgaris (Theoretical: 1 Hours) | Policlinic | Policlinic | Policlinic | Pratical examination |
| 10.30-11.30 | Pityriasis rosea (Theoretical: 1 Hour) |  | Policlinic | Policlinic |  |
| 11.30-12.30 | Tumors of the skin (Theoretical) | Policlinic | Policlinic | Policlinic |  |
| 12.30-13.30 | Tumors of the skin (Theoretical) | Policlinic | Policlinic | Policlinic |  |
| 13.30-14.30 | Policlinic | General and problem-oriented history taking in dermatology (Practice) | General and problem-oriented history taking in dermatology (Practice) | Policlinic |  |
| 14.30-15.30 | Policlinic | General and problem-oriented history taking in dermatology (Practice: 6 Hours) | General and problem-oriented history taking in dermatology (Practice: 6 Hours) | Policlinic |  |
| 15.30-16.30 | Policlinic | General and problem-oriented history taking in dermatology (Practice: 6 Hours) | General and problem-oriented history taking in dermatology (Practice: 6 Hours) | Policlinic |  |
| 16.30-17.30 | Policlinic | Policlinic | Policlinic | Policlinic |  |
|  |  |  |  |  |  |

NOTE: Prepare this table for each week of your course.

| **EDUCATIONAL METHODS GUIDE** |
| --- |
|

| **CODE** | **METHOD NAME** | **EXPLANATION** |
| --- | --- | --- |
| **EM1** | Amphitheatre lesson | These are the courses applied in preclinical education where the whole class is together. |
| **EM2** | Class lesson | These are courses applied in small groups during the clinical period. |
| **EM3** | Lab application | These are laboratory courses applied in the preclinical period. |
| **EM4** | Skill Training App | It is the work that the student does on a model or mannequin before meeting with the real patient, which will be done in the Virtual Clinic or other environment. |
| **EM5** | Clinic Education | These are activities that provide clinical competence by applying bedside training with real patients or models under the supervision of trainers. |
| **EM6** | Independent Study Hours | These are the periods in the curriculum for the student to repeat what they have learned and to prepare for new lesson sessions. |
| **EM7** | Community Based Education Application | Field practices, non-unit professional practices, etc. includes. |
| **EM8** | Problem Based Learning | Problem based learning. |
| **EM9** | Private Study module | These are applications that will enable the student to gain in-depth knowledge about a subject individually or as a group. |
| **EM10** | Scientific Research study | These are applications aimed at improving the scientific research competence of the student. |
| **EM11** | Other | If this code is used, the training method should be written in detail. |

 |

| **MEASUREMENT EVALUATION METHODS GUIDE** |
| --- |
|

| **CODE** | **METHOD NAME** | **EXPLANATION** |
| --- | --- | --- |
|  **ME1** | Theoretical Exam ( Multiple Elective , Multiple Optional etc Questions containing ) | The committee is the exam used in the final exams. |
|  **ME2** | Practical exam | It should be used for laboratory applications. |
| **ME3** | Classical Verbal |  |
| **ME4** | Structured Oral | It is an oral exam in which questions and answers are prepared on a form beforehand. |
| **ME5** | OSCE | Objective Structured Clinical Examination |
| **ME6** | CORE | Clinical Act Execution Exam |
| **ME7** | ICE ( Business head Evaluation ) | It is the evaluation made by the trainer on the student at the bedside or during the practice. |
| **ME8** | Other | A statement must be made. |

 |

1. \*1 lowest, 2 low, 3 fair, 4 high, 5 highest. [↑](#footnote-ref-0)