

Course Title & Code: Dermatology (Clinical) (MEDDerm-5C)

Grade: Fifth year

Semester: First & second semester

Total Hours: 45 hours / 3 wk. - Hours/week: 15hours / wk. - Credits: 1.5

Lecturers:

Assistant professor Dr. Iqbal Ghalib

Assistant professor Dr. Hasan Nasir

Lecturer Dr. Kholood Abbas

Lecturer Dr. Ethar Falah

1. Learning objectives

Upon completion of this course, the 5th year medical student at Al-Nahrain College of Medicine will be able to:

1. Recognize the importance of dermatology & venereology to other medical specialties.
2. Establish basic skills of communication with patients
3. Identify the manifestations & the clinical presentations of dermatological & Venereological disorders.
4. Define the causes & the provoking factors of these skin disorders.
5. Evaluate the importance of different investigations in defining these disorders if needed.
6. Make an overview about management plan of any of these disorders.

2. Instructional and Learning methods and tools

Small-group teaching, problem-based or case-based learning, bed-side teaching, clinical demonstrations.

3. Syllabus

| No. | Clinical Session Title | Hours |
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| 1 | Taking proper history & detailed clinical examination | 3 |
| 2 | Eczema | 3 |
| 3 | Psoriasis | 3 |
| 4 | Acne & related diseases | 3 |
| 5 | Urticaria | 3 |
| 6 | Viral skin disorders | 3 |

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| 7 | Bacterial skin disorders | 3 |
| 8 | Parasitic skin disorders | 3 |
| 9 | Lichen planus & Erythema multiforme | 3 |
| 10 | Hair diseases | 3 |
| 11 | Pigmentary skin diseases | 3 |
| 12 | Superficial fungal skin infections | 3 |
| 13 | Skin tumours | 3 |
| 14 | Dermatologic emergencies | 3 |
| 15 | Cutaneous manifestations of systemic diseases | 3 |
| | Total | 45 |

Detailed Curriculum of clinical course:

| Week | Hours | Tutors | Content | Objectives |
|------|-------|---|---|---|
| 1 | 15 | - Dr. Iqbal Ghalib - Dr. Hasan Nasir - Dr. Kholood Abbas - Dr. Ethar Falah | -Taking proper history & detailed clinical examination -Eczema -Psoriasis -Acne & related diseases -Urticaria | - Demonstrating knowledge in history taking & recognition of physical signs. - Define eczema, identify & recognize the clinical features as well as the management of its common types. - Define & classify psoriasis, and identify the related clinical provoking & exacerbating factors of it. - Clarify clinical presentations, variants & management of psoriasis. - Define acne as well as rosacea & identify their clinical provoking factors, clarify & describe the presentations, complications & management of both problems. - Define urticaria & other related conditions, classify urticaria & describe its related provoking factors. - Describe the clinical features, investigations, differential diagnoses & full management of urticaria & other related conditions. |
| 2 | 15 | - Dr. Iqbal Ghalib - Dr. Hasan Nasir | -Viral skin disorders | - Identify the clinical types & the main triggering factors for viral skin diseases & list the commonest viral diseases of the skin. |

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| | | <p>- Dr. Kholood Abbas</p> <p>- Dr. Ethar Falah</p> | <p>-Bacterial skin disorders</p> <p>-Parasitic skin disorders</p> <p>-Fungal skin disorders</p> <p>-Sexually transmitted diseases (STD)</p> | <p>- Clarify the different clinical presentations & management of the commonest types of viral skin problems.</p> <p>- Identify the clinical types & the triggering factors for bacterial skin diseases.</p> <p>- Describe the common bacterial diseases of the skin as well as the clinical presentations & the management of the commonest types of bacterial skin disorders.</p> <p>-Identify the clinical types of cutaneous leishmaniasis, pediculosis & scabies.</p> <p>- Approach to patients with common parasitic infestations of the skin.</p> <p>- Describe the indication for treatment & indication for topical & systemic modalities.</p> <p>- Identify the different superficial fungi that affects the skin & identify the clinical types & presentations of dermatophytosis, pityrosporum infections& candidiasis.</p> <p>- Clarify types of antifungal & indications for each one of them.</p> <p>-Define sexually transmitted diseases STD.</p> <p>- Identify risk factors & complications of STD.</p> <p>- Describe the common presentations of STD.</p> <p>- Recognize the clinical features & management of common STD.</p> <p>- Evaluate the diagnostic methods used for syphilis & their explanation.</p> <p>- Recognize treatment, follow up, prevention & control of syphilis.</p> |
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| 3 | 15 | <ul style="list-style-type: none"> - Dr. Iqbal Ghalib - Dr. Hasan Nasir - Dr. Kholood Abbas - Dr. Ethar Falah | <ul style="list-style-type: none"> -Lichen planus & Erythema multiforme - Pigmentary skin diseases -Hair & nail problems -Other skin problems | <ul style="list-style-type: none"> - Define & classify lichen planus & erythema multiforme. - Clarify clinical presentations, clinical variants & management of both conditions. -Identify disorders of hypopigmentation& hyperpigmentation. - Clarify the clinical presentations, clinical variants & management of common conditions. - Describe the clinical features & management of common hair & nail disorders. - Describe the clinical features & management of other important skin disorders. |
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Note:

Students are divided into 9 groups; each group composed of 25 -30 members. Upon completion of this course for the fifth year medical students at Al-Nahrain College of Medicine, they will have:

Knowledge for practice:

1. Collect data from history & clinical examination.
2. Classify skin lesions into primary & secondary lesions which assist in clinical diagnosis.
3. Identify the clinical features of common skin disorders.
4. Define the emergency situations in dermatology.
5. Explain how to interpret the abnormalities in investigations.
6. Describe the plan of treatment for each skin disease.

Clinical Skills/Patient Care:

1. Complete patient's history & physical exam in a respectful, logical, organized & thorough manner.
2. Evaluate & prioritize skin problems with which a patient presents.
3. Formulate a differential diagnosis based on the findings from the history & physical examination to help guide the needed diagnostic tests ordering & sequencing.
4. Formulate an initial therapeutic plan & explain the extent to which the therapeutic plan is based scientific evidence of effectiveness.

Practice Learning & Improvement:

1. Recognize when additional information is needed to care for the patient & Demonstrate ongoing commitment to self-directed learning.
2. Demonstrate ability to answer clinical questions using evidence-based medicine.
3. Analyze gaps in the knowledge & the skills.
4. Approach to reach the specific diagnosis (taking history & making clinical examination).
5. Define the useful investigations for each disease if needed.
6. Describe the outpatient treatments.

Based Practice:

1. Differentiate the role & the contribution of each member to the care of the patient.
2. Apply health based thinking to address an outcomes in patient care.
3. Consider patient, physician & system barriers (including cost) to Successfully describe treatment plans & patient adherence & understand strategies that may be used to overcome these barriers.

Interpersonal & Communication Skills:

1. Demonstrate appropriate listening & verbal skills to communicate empathy, elicit information regarding the patient's preferences & provide basic information & an explanation of the diagnosis, prognosis & treatment plan.
2. Perform as an effective member of the patient care team, incorporating skills in inter-professional communication & collaboration including giving & receiving feedback.
3. Document & orally present new patient & follow up patient cases (if needed) in a thorough & focused manner.

Professionalism:

1. Demonstrate a commitment to caring for all patients regardless of their dermatological diagnoses or other associated factors.
2. Exhibit respect toward all members of the health care team, as manifested by reliability, responsibility, honesty, helpfulness, selflessness & initiative in working.
3. Demonstrate a positive attitude towards learning by showing intellectual curiosity, initiative, honesty, integrity & dedication.

Teaching & Learning Methods:

- A. History.
- B. Clinical exam.
- C. Slides show.
- D. Educating students how to use laboratory tests & instruments to reach the diagnosis.

4. Student assessment: (100 marks)

Daily assessing through questioning & clinical cases approach by Mini-Clinical Evaluation Exercise (mini-CEX) 5 marks, as well as mid-course exam. (25 marks) & final course exam. (70 marks). (Recall information questions & analytic clinical question with slides show).

Students who fail to attain the 50% cut-off mark are required to re-sit for a second trial examination similar to the final one. Failing in the second trial entails the student to repeat the academic year.

5. Books and references:

1. Hunters Clinical Dermatology, 2015

2. Habif Clinical Dermatology: A Color Guide to Diagnosis and Therapy, 2021

3. Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, 2017

Note: Please emphasize on:

1. **Instructional/learning methods that stimulates, prepare and support students to take responsibility for their learning process.**
2. **The syllabus must include the principles of scientific method (including analytical and critical thinking) medical research methods, and evidence-based medicine.**
3. **In the curriculum identify and incorporate the contributions of the basic biomedical sciences to scientific knowledge, concepts and methods fundamental to acquiring and applying clinical science.**
4. **Acquire sufficient knowledge, clinical skills (*include history taking, physical examination, communication skills, procedures and investigations, emergency practices, and prescription and treatment practices*), and professional skills (*include patient management skills, team-work/team leadership skills and inter-professional training*) to assume appropriate responsibility after graduation**
5. **Organize clinical training with appropriate attention to patient safety i.e. supervision of clinical activities conducted by students.**