

Course Description Form

1. Course Name:	
Dermatology and venereology	
2. Course Code:	
MEDDerm-51	
3. Semester / Year:	
Fifth year – First semester (Theory)	
4. Description Preparation Date:	
1-3-2024 Academic year 2023- 2024	
5. Available Attendance Forms:	
Physical (mandatory) twice a week and Virtual(complementary)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Theory: Total: 24 h. Hours/week: 2 hours / wk. - Credits: 2	
7. Course administrator's name (mention all, if more than one name)	
Name: Asistant professor Dr. Iqbal Ghalib Farhood	
Email: driqbalderma30@nahrainuniv.edu.iq	
8. Course Objectives	
Course Objectives:	Knowledge Upon completion of this course, the 5th year medical student at Al-Nahrain College of Medicine will be able to: <ol style="list-style-type: none">1. Identify dermatological and venereal diseases, their importance and their relationship to other medical sciences.2. Recognize the important clinical & pathological symptoms of dermatology and venereal diseases, especially for common diseases.3. Identify the cause & factors that cause skin & genital diseases.4. Demonstrate knowledge in basics of diagnostic and therapeutic dermatology and venereology.5. Clarify the importance of methods for diagnosing dermatological diseases in the event that they are difficult to diagnose clinically.6. Identify dermatological emergencies and how to deal with them.7. Recognize different dermatological and venereal diseases.8. Explain the scientific principles of common approaches in management in patients with common dermatological disease & be familiar with the necessary drugs for

	<p>treatment and other therapeutic methods.</p> <p>9. Outline the basic information about research on new and popular therapeutic developments.</p>
	<div style="text-align: center; background-color: #e1eef6; padding: 5px; border: 1px solid black; margin-bottom: 10px;">Skills</div> <ol style="list-style-type: none"> 1. Apply acquired knowledge to identify and interpret signs and symptoms and laboratory examinations associated with dermatological diseases to reach a clinical diagnosis. 2. Develop critical thinking to analyze and interpret clinical & investigation results to differentiate between similar skin diseases & how to use the best treatment according to the patient's condition preparing to Graduate a doctor who can safely use simple dermatological tools. 3. Determine effective communication skills in management approach of dermatological disease & facing life-threatening situations and how to deal with them safely. <div style="text-align: center; background-color: #e1eef6; padding: 5px; border: 1px solid black; margin-bottom: 10px;">Ethics</div> <ol style="list-style-type: none"> 1. Uphold ethical standards in the application of diagnostic and investigative techniques, ensuring patient well-being and autonomy. 2. Recognize any ethical problems and medicolegal concerning of dermatological and sexually transmitted diseases, and the student should respect the privacy of the patient. 3. Recognize and address potential biases in the evaluation & management of patients with dermatological disease.
<p>9. Teaching and Learning Strategies</p>	
<p>Strategy</p>	<ol style="list-style-type: none"> 1. <u>Interactive theoretical Lectures</u>: Physical attendance. 2. Case-Based Learning (CBL): integrated within the lectures. 3. Self-Directed Learning. <p><u>4. Assessment Strategies</u></p> <ol style="list-style-type: none"> 1. Continuous Assessment: <ul style="list-style-type: none"> - Regular quizzes and assignments. - Participation in interactive sessions.

2. Formative assessments:

- Discussion and oral tests.

3. Summative assessments:

- Written exams
- Conducting the clinical exam using the mini-CEX evaluation.
- Case Presentations:
 - Students present clinical cases.
 - Evaluation based on diagnosis and management.

4. Group Participation:

- Active involvement in group discussions.
- Criteria include contribution and engagement.

5. Skills Assessment:

- Practical assessments of clinical skills.
- Evaluation of proficiency in interventions.
- Presenting important ideas for community service
- The initiative to express effective and constructive opinions and suggestions

6. Case Analysis:

- Analysis of written or virtual case studies.
- Focus on clinical reasoning and management.

7. Self-Assessment:

- Online quizzes and reflective exercises.
- Students evaluate understanding and set goals.

8. Comprehensive Examinations:

- Mid-term exam.
- Theoretical final exams.
- End-of-course MCQs and case-based assays.
- Assess overall comprehension and application.
- Daily evaluation.
- Daily evaluation of lecture attendance

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	<p>-Understand skin And its importance with a detailed study of the cells and layers of the skin from an anatomical and physiological aspect.</p> <ul style="list-style-type: none"> - Describe basic structure of the skin. - List the functions of the skin. - Identify the major structures in three layers of the skin. . List the skin appendages. - Describe structures skin appendages. <p>-Outline proper history taking.</p> <p>-Identify descriptive terms & morphology skin lesions.</p> <p>-Identify Important clinical signs and Investigations.</p> <p>-Apply special tools & techniques & interpret their application in relation certain dermatological disease</p> <p>-Define skin symptom primary & secondary skin lesions necessary for diagnosis</p> <p>-Utilize comprehensive knowledge of laboratory methods and other means necessary for diagnosis</p>	<p>Anatomy and Physiology of the Skin & Diagnosis skin disorders</p>	<ul style="list-style-type: none"> -Theoretical lecture -Benefit from clinical lecture illustrative images - Slides to know the Methods of diagnosis 	<p>Short daily exam, mid-term & final exams.</p>

2	2	<ul style="list-style-type: none"> -Identify the endogenous types of dermatitis -Recognize the clinical presentation of seboric dermatitis -Define atopic dermatitis -Identify the clinical features and complications of atopic dermatitis 	Eczemas	The same as week 1	The same as week 1
3	1	<ul style="list-style-type: none"> -Demonstrate knowledge and understanding the life cycles, pathogenesis, diagnosis of parasitic infestation of the skin - Identify clinical types of cutaneous leishmaniasis. - Clarify the indications for treatment of Both topical & systemic modalities. - Identify the clinical types of pediculosis - Identify the clinical presenting features in scabies 	Parasitic skin diseases	The same as week 1	The same as week 1
4	2	<ul style="list-style-type: none"> -Define sexually transmitted diseases STD. -Identify risk factors & complications of STD. -Name microorganism causing STD. -Describe the common presentation of STD. -Recognize the clinical features & management of common STD. 	Sexually transmitted diseases	The same as week 1	The same as week 1
5	2	<ul style="list-style-type: none"> -Name the viruses that cause common skin diseases. 	Viral & Bacterial skin diseases	The same as week 1	The same as week 1

		<ul style="list-style-type: none"> -Describe the common presentations & the clinical features of these common viral skin diseases. -Recognize the management of these diseases. -Identify the main types of bacterial skin infections. -Name the predisposing factors for skin infections. -Describe the clinical presentations of common bacterial skin infections. - Recognize the differential diagnosis of impetigo & erysipelas/cellulitis. - Illustrate the difference between cellulitis & erysipelas - Enumerate the complications of impetigo & scarlet fever. -Out line the treatment of skin infections. 			
6	1	<ul style="list-style-type: none"> - Define psoriasis -Identify the etiology - Recognize the pathogenesis & the provoking factors -List the histopathological changes of psoriasis -Demonstrate the clinical variants of psoriasis. - Recognize the investigations needed for psoriasis 	Psoriasis	The same as week 1	The same as week 1

		-Recognize different management approaches			
7	2	<ul style="list-style-type: none"> - Identify mechanism of drug reactions. -Classify drug reaction according to severity. -Describe clinical types of drug reactions. -Clarify proper approach & management. 	Drugs and their reactions & Disorders of pigmentation	The same as week 1	The same as week 1
8	1	<ul style="list-style-type: none"> . Define acne. - Identify factors that affect acne. -Explain etiology and pathogenesis of acne vulgaris. -Describe clinical features & complications of acne. - Recognize available modalities to treat Acne. - Define rosacea -Describe etiology, exacerbating factors clinical features of rosacea. -Recognize different treatments for rosacea 	Acne & related conditions	The same as week 1	The same as week 1
9	1	<ul style="list-style-type: none"> -Identify the clinical types of dermatophytosis. -Clarify types of antifungal and indications for each One. -Identify Pityrosporum infection. - Clarify risk factors for candidal infection . -Identify the clinical types of candidiasis. 	Fungal skin diseases	The same as week 1	The same as week 1
10	1	-Identify the cycle of hair growth	Hair diseases	The same as week 1	The same as week 1

		<ul style="list-style-type: none"> -Mention the types of hair loss -Enumerate the common causes of hair loss - Determine the presentation & management of alopecia areata, androgenetic alopecia, telogen effluvium - Recognize the cause & pathophysiology of hirsutism 			
11	2	<ul style="list-style-type: none"> -Define urticaria & other related Conditions. -Classify urticaria & describe its pathogenesis. -Identify the etiological (provoking factors of urticaria. -Describe clinical features, Investigation differential diagnoses, management of urticaria and anaphylaxis. -Define angioedema & describe its clinical variants, clinical features & management - Define lichen planus (LP) , clinical presentation, & pathogenesis. -Describe the variable types of LP. -Outline the treatment options of -Define erythema multiforme (EM) & its main clinical forms. -Name the precipitating factors of EM. -Summarize the treatment of EM 	<p style="text-align: center;">Urticaria, Lichen planus & Erythema multiforme</p>	<p style="text-align: center;">The same as week 1</p>	<p style="text-align: center;">The same as week 1</p>

12	2	<ul style="list-style-type: none"> -Classify the skin tumours. -List the precipitating factors of skin tumours. -Name the benign, premalignant & malignant skin tumours. -Describe the variable types of basal cell carcinoma (BCC) & malignant melanoma (M M). -Describe the clinical presentations common skin tumours. -Define ichthyosis & its types. -Differentiate the variable types of Ichthyosis. -List the diagnostic criteria of neurofibromatosis. -Name the skin manifestations of tuberous sclerosis. -Describe xeroderma pigmentosa. -Define epidermolysis bullosa. 	Skin tumours & Genodermatoses	The same as week 1	The same as week 1
13	1	<ul style="list-style-type: none"> -Classify the main physical factors in the environment that related skin conditions. -Describe the skin changes induced by these factors. -Recognize the main preventive measures these conditions & Their best treatment modalities. 	Dermatoses resulting from physical factors	The same as week 1	The same as week 1
14	1	<ul style="list-style-type: none"> -Classify connective tissue diseases. -Identify the types of Lupus erythematosus 	Connective tissues diseases	The same as week 1	The same as week 1

		<p>&their clinical presentations.</p> <ul style="list-style-type: none"> -List the diagnostic criteria of systemic lupus erythematosus. -Define dermatomyositis, its clinical presentation, diagnosis & treatment -Identify Scleroderma, its clinical types & management. 			
15	2	<ul style="list-style-type: none"> -Compare between normal & abnormal nails. -Clarify nail changes in some dermatological diseases. -Recognize nail disorders associated with systemic disease -Identify traumatic nail disorder. -List types of nail tumors. <p>-Identify types, clinical features & treatment of xanthoma.</p> <ul style="list-style-type: none"> -Describe skin changes of Diabetes mellitus & other endocrine disorders. -Identify skin changes seen in main nutritional problems. -list skin manifestations of liver diseases, chronic renal failure & GIT problems -Identify causes, clinical features & management of pyoderma gangrenosum & Behcet's disease. 	<p>Nail disorders & Cutaneous manifestations of systemic diseases</p>	The same as week 1	The same as week 1

16	1	<ul style="list-style-type: none"> -Classify bullous diseases. -Name the common autoimmune bullous diseases. -Identify the pathogenesis of common autoimmune bullous diseases. -Describe the clinical presentations of pemphigus, bullous pemphigoid & dermatitis herpetiformis. -Evaluate the different tests used in diagnosing autoimmune bullous diseases. -Summarize the treatment & prognosis of autoimmune bullous diseases. 	Bullous skin diseases	The same as week 1	The same as week 1
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11. Course Evaluation

The minimum requirement of a student to pass is to achieve at least 50% of the total 100 marks assigned for the course.

The marks are distributed as follows:

1. Midterm examination: (Total 30 marks)

A. The Midterm written exam which compromises 25% of the final mark

It is composed of 25 single-best-answer multiple-choice questions

B. Short Quizzes, essays, and other student-centered activities which compromise 5% of the final mark

2. Final course examination: (70 marks)

- It is composed of up to 70 single-best-answer multiple-choice questions

- Modified – Essay Questions (3 questions)

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.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	-Hunter's Clinical Dermatology
Main references (sources)	- Fitzpatrick's colour atlas of Dermatology - Habif clinical Dermatology
Recommended books and references (scientific journals, reports...)	UPTODATE
Electronic References, Websites	Web and internet as source of information.