

Study Guide Dermatology

(2022)

Overview of Clinical placement

- a. Students will be rotated for 3 weeks in Department of Dermatology CMH Lahore Medical College. Each group would spend four days a week - Mon to Thurs in hospitals from 0800- 1500 and 1800-2000 hours. On Friday, the students will attend a Clinico Pathological Conference (CPC) following which they will report for clinical training to their respective wards
- b. At the end of rotation, a ward test will be held and students would be given marks out of 100 as per attached format. These marks would be counted in the internal assessment.

Attendance & Discipline:

- a. A record of attendance of medical students, ward test results, end of module test result, workshop marks should be updated regularly.
- b. Attendance of each student would be endorsed in logbook as well.

9	Basic Dermatology	<ul style="list-style-type: none"> • Anatomy and Physiology of Skin related to Clinical Dermatology • skin lesions 	<ul style="list-style-type: none"> • Apply concepts of anatomy and physiology of skin to clinical dermatology • give pathologic basis of skin lesions • Identify different types of skin lesions • characteristic differentiating features of various skin lesions 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical examination of a patient with skin lesions 	Lecture	
10	Allergy	Pruritis <ul style="list-style-type: none"> • Differential 	<ul style="list-style-type: none"> • Classify types of pruritis • Identify its characteristic lesions 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical 	CBL	

		<p>diagnosis</p> <ul style="list-style-type: none"> • Management 	<ul style="list-style-type: none"> • Advise specific lab investigations • Discuss the steps of management 	<p>examination of a patient with pruritis</p>		
		<ul style="list-style-type: none"> • Urticaria • Anaphylaxis 	<ul style="list-style-type: none"> • Define urticaria • Diagnose urticarial illness on the basis of clinical features • Give causes of anaphylaxis • Advise specific lab investigations • Describe immediate management of urticaria. 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical examination of a patient with urticaria 	CBL	
1	Dermatitis	Eczema	<ul style="list-style-type: none"> • Classify eczema • Apply diagnostic criteria to clinical assessment of eczema • Develop management plan of eczema 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical examination of a patient with eczema 	CBL	
1		Viral infections of skin	<ul style="list-style-type: none"> • list common types of viral infections of skin • Establish diagnosis of viral skin infections based on clinical features and investigations. • Elaborate various management modalities of viral skin infections 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical examination of a patient with viral infections of skin 	Lecture	
		Bacterial and Mycobacterial infections of skin	<ul style="list-style-type: none"> • list the types of Bacterial and Mycobacterial Infections • Give clinical features and symptoms of bacterial and Mycobacterial infections • Develop management plan to establish diagnosis and treat 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical examination of a patient with bacterial infections 	Lecture	

			different infections			
		Acne vulgaris	<ul style="list-style-type: none"> Clinically assess Acne vulgaris Diagnose acne vulgaris based on clinical features and investigations Suggest treatment options for Acne vulgaris 	<ul style="list-style-type: none"> Take history of a patient Perform clinical examination of a patient 	CBL/SDL	
		Fungal infections of skin	<ul style="list-style-type: none"> Differentiate between different fungal infections of the skin based on their clinical features and management plan 	<ul style="list-style-type: none"> Take history of a patient Perform clinical examination of a patient with fungal infections of skin 	Lecture	
1 2	Infestations	<ul style="list-style-type: none"> Scabies Pediculosis 	<ul style="list-style-type: none"> Diagnose scabies and pediculosis based on clinical features and investigations Recommend specific treatment options for scabies and pediculosis 	<ul style="list-style-type: none"> Take history of a patient Perform clinical examination of a patient with infestations 	CBL	
1 3	Other disorders	Psoriasis and Lichen planus	<ul style="list-style-type: none"> Explain the etiology and precipitating factors Discuss general and specific treatment of psoriasis and Lichen planus Describe the role of ultraviolet and PUVA therapy and its uses in Psoriasis Propose systemic treatment of psoriasis and Lichen planus 	<ul style="list-style-type: none"> Take history of a patient Perform clinical examination of a patient with psoriasis and Lichen planus 	Lecture	
1	Disorders	Alopecia	<ul style="list-style-type: none"> Classify alopecia 	<ul style="list-style-type: none"> Take history of a patient 	CBL	

4	of hairs.		<ul style="list-style-type: none"> • Make clinical diagnosis by assessing symptoms. • list necessary investigations • Discuss management of the condition. 	<ul style="list-style-type: none"> • Perform clinical examination of a patient with alopecia 		
1 5	Sexually transmitted diseases	Syphilis Gonorrhoea Chlamydia	<ul style="list-style-type: none"> • Make clinical diagnosis by assessing symptoms. • list necessary investigations • Discuss management of the condition. 	<ul style="list-style-type: none"> • Take history of a patient • Perform clinical examination of a patient 	CBL/SDL	

TABLE OF SPECIFICATIONS**4Th Year MBBS Dermatology
List of Bedside Teaching / Learning**

Learning outcomes	Learning Domain	Tool of Assessment	MIT
A BASIC KNOWLEDGE			
1. Correlate skin lesions with histological structures involved	C2	SEQ, EMQ	SS, SGD
2. Correlate the visible skin lesion with underlying genetic, immunological or inflammatory pathogenic mechanisms	C2	MCQ, SEQ, EMQ	L. SS, SGD
B. SKIN EXAMINATION			
3. Recognize basic skin lesions in patients	C2	OSCE / Short case	OPD ,BST, SS ,OTO
4. Recognize the shapes , patterns and distribution of the skin lesions	C2	OSCE / Short case	OPD ,BST, SS ,OTO
5. Recognize different cutaneous signs & relate their significance	C2	MCQ/OSCE / Short case	OPD ,BST, SS , OTO
C. COMMUNICATION SKILL			
6. Presents the case	C3 +P + A	OSCE Long case	VC,PAL, OTO

(Key= C=Cognitive, MCQ=Multiple Choice Question, SEQ=Short Essay question, EMQ= Extended Matching question, P=Psychomotor, A= Affective, OSCE=Objective Structured Clinical Examination, DOPS =Directly Observed Procedural Skill, MIT=Mode of transfer of knowledge.)

Clinical Assessment of the student

S No		Max Marks	Marks Obtained
1	Correlation of Skin Lesion with Histology and underlying mechanisms	20	
2	Recognition of Basic lesion , Shape & Pattern	20	
3	Recognition of cutaneous signs & relate its significance	20	
4	Case presentation (History + Examination findings)	20	
5	Short case (Diagnosis & Management of Commonest Skin Diseases)	20	
	Total marks	100	

Percentage / Grade

- A+ > 75%
- A 70 -75%
- B+ 65-70%
- B 60- 65 %
- C 50 - 60 % (Unsatisfactory)
- D < 50 % Fail

Sign of Instructor/Unit-Head

Department of Dermatology
Policy (2021-2022) 4th Year MBBS

Students will

1. Strictly follow the **Timings and the Dress Rules** of College.
2. Report to Head of Department Brig Rehan Uddin (R) in the College and Col Sumeera Zulfiqar Asst Prof of Dermatology in the CMH.
3. Follow the rotational program shared with them on first day. (Printed hard copy delivered to batch senior, who will share it via WhatsApp to other members of the rotational group).
4. Attend morning classes with senior faculty and Evening classes with junior faculty as per program.

Batch Senior (next senior if batch senior not available)

5. Is responsible to endorse daily attendance form to be signed with designated faculty member on that day and share it via WhatsApp with Miss Huma Afzal (0333-4535685) daily.
6. Will also ensure to endorse the “proceedings of the day” on daily attendance form before submitting it to Department of Medical Education. (*“Proceedings of the day means 1. Topics discussed and 2. Signs/ Symptoms / Diseases demonstrated on patients ”*)
All the log books of same batch should be uniform in this respect
7. There will be **Formative Assessment** at the end of every week. (First week via Viva, Second week via slide session and third week via MCQ and **Exam** on the last day of rotation for **Summative Assessment** (MCQ & Slide Session). The exam result will be endorsed in the log book.
8. Log book will be submitted to Col Sumeera Zulfiqar, three days before completion of rotation for award of grading on the last day.

CMH Lahore Medical College
Three Week Rotational Training Program of 4th Year MBBS Class (Dermatology)
 Batch ___ From ___ to ___

Day & Shift	Monday				Tuesday				Wednesday				Thursday			
	Morning 1200-1330		Evening 1930-2130		Morning 1200-1330		Evening 1930-2130		Morning 1200-1330		Evening 1930-2130		Morning 1200-1330		Evening 1930-2130	
	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator
1st Week	Correlation of skin, anatomy with functions and skin lesions	Brig Rehan (R)	Introduction, Documentation of students and awareness of learning outcomes and, disciplinary procedures	Brig Rehan (R)	Basic lesions, ses, First tip for enhancing learning Dermatology	Brig Rehan (R)	Patient demonstration to identify basic lesions	Brig Rehan (R)	Shapes, patterns, Causes of disease,	Brig Rehan (R)	Demonstration of Common Skin Diseases 1. Acne 2. Scabies 3. Pyoderma (Boil, Folliculitis, Impetigo)	Brig Rehan (R)	Commonest Skin Diseases . How to examine	Brig Rehan (R)	Correlate the visible skin lesion with underlying genetic, Immunological or Inflammatory pathogenic mechanism	Brig Rehan (R)
Friday	No Ward Day															
Saturday	Weekend															
Sunday	Weekend															
Day & Shift	Monday				Tuesday				Wednesday				Thursday			
	Morning 1200-1330		Evening 1930-2130		Morning 1200-1330		Evening 1930-2130		Morning 1200-1330		Evening 1930-2130		Morning 1200-1330		Evening 1930-2130	
	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator
2nd Week	Principles of Infection.	Brig Rehan (R)	ward round and demonstration of basic skin lesion learned in the first week on the patients, facilitators to assess capability of students to identify	Brig Rehan (R)	cutaneous and other granulomatous infections	Brig Rehan (R)	Demonstration of wart, molluscum contagiosum, acne and any fungal infection	Brig Rehan (R)	Demonstration of Cases in Skin OPD 3 to 4 students with each consultant in skin opd	Brig Rehan (R)	Demonstration of common cutaneous signs.	Brig Rehan (R)	Demonstration of Cases in Skin OPD 3 to 4 students with each consultant in skin opd	Brig Rehan (R)	Demonstration of cases in the ward, chicken pox, herpes zoster and psoriasis	Brig Rehan (R)
Friday	No Ward Day															
Saturday	Weekend															
Sunday	Weekend															

Day & Shift	Monday				Tuesday				Wednesday				Thursday			
	Morning		Evening		Morning		Evening		Morning		Evening		Morning		Evening	
	1200-1330		1930-2130		1200-1330		1930-2130		1200-1330		1930-2130		1200-1330		1930-2130	
	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator	Topic	Facilitator
3rd Week	Demonstration of selected cases of scabies, fungal infection, bacterial infection and viral infections	Brig Rehan (R)	Demonstration of Melasma, Alopecia, Lichen planus and psoriasis and	Brig Rehan (R)	Demonstration of Short cases from Skin OPD	Brig Rehan (R)	Demonstration of Leishmaniasis & other granulomatous infection	Brig Rehan (R)	Exam (Theory)	Brig Rehan (R)	Revision of previous learning outcomes for exam	Brig Rehan (R)	Exam (Theory) Continue	Brig Rehan (R)	Exam Practical	Brig Rehan (R)
Friday	No Ward Day															
Saturday	Weekend															
Sunday	Weekend															

1. During demonstration of cases in Skin OPD, the focus should be on recognizing commonest disease encountered in Skin OPD like as listed below.

- a. Viral (warts, MC, Herpes, Varicella and Zoster)
- b. Bacterial (Pyoderma)
- c. Fungal (P Versicolor, Dermatophytosis, Candidiasis)
- d. parasitic infections (leishmaniasis) and infestations (Scabies, Lice)
- e. Commonest eczematous problems (Contact, Atopic, Seborrhoeic)
- f. Urticaria, & Drug rashes (SJS, TEN)
- g. Psoriasis
- h. Lichen planus
- i. Blistering diseases (Pemphigus, EB etc)
- j. Connective tissue disease.
- k. Any other interesting case.

Students should be emphasized to recognize commonest and treatable conditions which can be encountered while sitting in any General OPD.

2. Similarly during assessment the students ability to describe lesion correctly and formulating a logical DD should be assessed.

3. All Morning Lectures will be held at Skin OPD and all Evening Lectures will be held at Ward / Skin OPD

4. If any facilitator detailed as per program template is not available due to leave or duty, the faculty member who has spared him or her will take the job of the facilitator's job automatically.

Brig Rehan Uddin
(R)
Professor & Head
Department of Dermatology
Director: Faculty Dev Research & Eval,
GEC
CMH Lahore Medical College

Lecture Details
4th Year MBBS for the Year Session 2021 – 2022

Sr. No	Date	Time	Topic	Name of Instructor
1.	25-11-2021	10:00 – 10:50	Anatomy & Physiology of Skin I	Brig (R) Rehan Uddin
2.	09-12-2021	10:00 – 10:50	Anatomy & Physiology of Skin II	Brig (R) Rehan Uddin
3.	23-12-2021	10:00 – 10:50	Patterns and Distribution of Skin lesions	Col Sumeera Zulfiqar
4.	13-01-2022	10:00 – 10:50	Scabies	Col Atiya Rehman
5.	27-01-2022	10:00 – 10:50	Acne Vulgaris	Brig (R) Rehan Uddin
6.	17-02-2022	10:00 – 10:50	Principles of Skin Infection	Brig (R) Rehan Uddin
7.	03-03-2022	10:00 – 10:50	Common Bacterial Infections	Col Sumeera Zulfiqar
8.	24-03-2022	10:00 – 10:50	Common Viral Infections	Col Atiya Rehman
9.	07-04-2022	10:00 – 10:50	Tuberculosis and Leprosy	Brig (R) Rehan Uddin
10.	21-04-2022	10:00 – 10:50	Test I Slide Session & MCQs	Brig (R) Rehan Uddin
11.	19-05-2022	10:00 – 10:50	Fungal infections (Dermatophyte, Candida, P.versicolor)	Col Sumeera Zulfiqar
12.	02-06-2022	10:00 – 10:50	Principles of Genetics	Col Atiya Rehman
13.	16-06-2022	10:00 – 10:50	Acne	Brig (R) Rehan Uddin
14.	28-07-2022	10:00 – 10:50	Scabies	Brig (R) Rehan Uddin
15.	11-08-2022	10:00 – 10:50	Eczema Classification & Contact Dermatitis	Col Sumeera Zulfiqar

Lecture Details
Final Year MBBS for the Year Session 2021 – 2022

Sr. No	Date	Time	Topic	Name of Instructor
1.	18-11-2021	09:40 – 10:30	Psoriasis	Brig (R) Rehan Uddin
2.	02-12-2021	09:40 – 10:30	Lichen Planus	Brig (R) Rehan Uddin
3.	06-01-2022	09:40 – 10:30	Chicken Pox & H Zoster	Brig (R) Rehan Uddin
4.	20-01-2022	09:40 – 10:30	Warts, Melasma	Col Atya Rehman
5.	03-02-2022	09:40 – 10:30	Test II & Result	Brig (R) Rehan Uddin
6.	17-02-2022	09:40 – 10:30	Skin Cancers (MM, NMSC)	Maj Nida
7.	03-03-2022	09:40 – 10:30	Seb Dermatitis	Col Atya Rehman
8.	17-03-2022	09:40 – 10:30	Hair Loss	Brig (R) Rehan Uddin
9.	07-04-2022	09:40 – 10:30	Antibiotics	Brig (R) Rehan Uddin
10.	21-04-2022	09:40 – 10:30	Dermatological emergencies I Drug Reaction (Morbilliform, EM, SJS, TEN)	Brig (R) Rehan Uddin
11.	12-05-2022	09:40 – 10:30	Blistering Disorders	Maj Nida
12.	26-05-2022	09:40 – 10:30	Cosmetic Dermatology	Brig (R) Rehan Uddin
13.	09-06-2022	09:40 – 10:30	Autoimmune Disorders	Col Atya Rehman
14.	21-07-2022	09:40 – 10:30	Sexually Transmitted Disorders	Col Atya Rehman
15.	04-08-2022	09:40 – 10:30	Final Revision	Brig (R) Rehan Uddin

ABC Better Dermatology Book is uploaded.