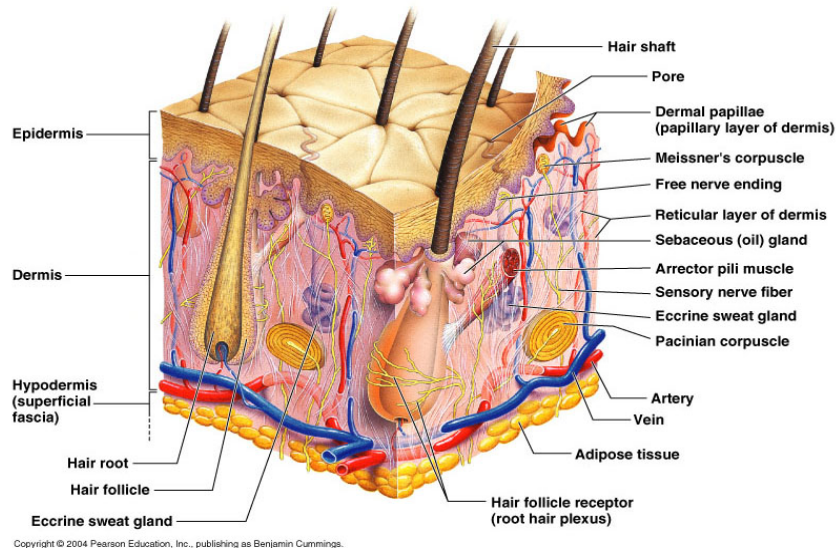


AJK Medical College Muzaffarabad



DERMATOLOGY, ALLERGY, IMMUNOLOGY AND CHEMOTHERAPY Final Year MBBS



Duration: 2-weeks
DEPARTMENT OF MEDICAL EDUCATION

CONTENTS

1.	Dermatology Module Team
2.	Introduction to the dermatology Module
3.	List of Icons
4.	Table of Specifications (TOS)
5.	Module Themes (Core Contents) and Learning Objectives
6.	Clinical Scenarios and Critical Question
7.	PBLs in wards
8.	Recommended Textbooks & Web Links
9.	Time Table
10.	Trouble Shooting and Technical Support

Dermatology Module Team

- | | |
|---------------------------|-------------|
| 1. Dr. Sadaf fasih | Planner |
| 2. Dr. Mumtaz | Coordinator |
| 3. Dr. Abdul Khalid Awan | DME |
| 4. Dr. Kurshid Ahmed Lone | Member |
| 5. Dr. Bushra | Member |

Rationale

Skin is the largest organ of the body. It consists memory of epidermis, dermis & subcutaneous fate. Various types of cutaneous lesions may be independent diseases or reflections of various systemic disorders and malignancies. Skin is not only esthetically important but also play important role in homeostasis, immunology and act as barrier against various environmental pathogens, mechanical injuries ultraviolet rays of sun, major cutaneous disoeders like psoriasi,eczema lichen planus and infectious dermatosis will remain the hallmarks of this module but you will also get the opportunity to get familiarize with various aspects of immunology, allergic reactions, onchology and chemotherapy.you will also be enlightened with pharmacological aspects of various dermatosis. We will try our level best to make you learn out of it as much as possible.

Organization of Module:

The module consists of Five themes, each based on a real life situation. Each theme has its explicit Learning Objectives (LOs). The module will employ different modes of instruction, briefly described below. Major emphasis will be on real life patient examination, discussion, laboratory and radiological test investigation and interpretation, case analysis, diagnosis, deductions and management; all by the students and guided by the faculty. Each theme in this module will be supplemented by covering different aspect by LGIS and hospital based clerkships scenarios. Your daily activities would be divided into different LGIS and clerkships. Please refer to time table for more details regarding organization of learning activities.

Teaching Strategies:

Your predominant activities during this module will be clinical clerkship. You will be actively involved in evaluation and management of patients in teaching hospitals. There will be two LGIS (45-minutes each) in the morning. This activity will be used to activate your prior knowledge of basic and clinical subjects and to pass on general concepts regarding the themes. It will also provide you guidance for clinical activities and correction of any misconceptions.

Attend large group sessions with the following focus:

- Identify important points.
- Ask questions on concepts not well understood in the text books.
- Measure your learning comprehension

Entire curriculum will be delivered by clinical case scenarios each covering a theme. Read carefully objectives of the theme which you are supposed to encounter during clinical clerkships.

Assessment:

In this module, you will have formative and summative assessment. This will give you an idea about the format of the examination that you will go through at the end of the year. This will be followed by feedback on your performance in the exam. Marks obtained in the module examination will contribute 30% (internal assessment) towards end of year Professional University Examination. **There is no re-sit exam for module written assessment and block OSCE** under any circumstances. If you miss them, your internal assessment will be recorded as zero. No excuse of any kind is permissible for absence in module or IPE assessment.

Themes/Core Contents

TOS

1	Introduction to Dermatology	20%
2	Pruritic skin disorders	20%
3	Infective skin conditions	25%
4	Allergic skin disorders	15%
5	Miscellaneous skin disorders	20%
	Grand Total	100%

Theme 1: Introduction to Dermatology

Learning Objectives

At the end of the module the students will insha Allah be able to:

1. Define dermatology and interpret its microscopic picture
2. Describe various functions of skin
3. Enumerate various skin lesions.
4. Describe characteristics of individual skin lesion.
5. Describe specific arrangement of skin lesions.
6. Explain specific distribution skin lesions.
7. Explain myths regarding common cutaneous dermatosis

Theme 2: Pruritic skin disorders

Learning Objectives

At the end of the module the students will insha Allah be able to:

1. Enumerate various pruritic skin disorders.
2. Define and classify eczemas.
3. Describe clinical features of acute and chronic eczemas
4. Define and describe atopic eczema.
5. Describe pathogenesis of atopic eczema
6. Describe clinical features of pityriasis alba and its treatment.
7. Describe morphological features of discoid eczema.
8. Define seborrheic eczema and describe its etiology clinical features and treatment options.
9. Describe dyshidrotic eczema and venous eczema.
10. Describe various exogenous eczemas and their etiological agents.
11. Describe photodermatitis.
12. Explain management of acute and chronic eczemas.
13. Describe therapeutic options of refractory atopic dermatitis.
14. Define psoriasis and explain its etiopathogenesis.
15. Enumerate and describe clinical types of psoriasis.
16. Enumerate provocation factors of psoriasis.

17. Describe modification of psoriasis with respect to sites.
18. Discuss various treatment modalities of psoriasis.
19. Define lichen planus and explain its etopathogenesis and clinical features.
20. Enumerate variants of lichen planus.
21. Describe histopathological changes of skin in lichen planus.
22. Describe various complicating, treatment options and prognosis of lichen planus.

Theme 3: Infective Skin Conditions

Learning Objectives

1. Enumerate various cutaneous viral infections.
2. Describe etopathogenesis and clinical features of chicken pox
3. Enumerate complications of chicken pox
4. Explain treatment options and preventions of chicken pox
5. Describe etiology and provoking factors of herpes zoster
6. Describe the characteristic rash of herpes zoster
7. Describe various clinical presentations of herpes simplex virus infections
8. Enumerate complications of various herpes simplex virus infections
9. Discuss etiological agents and clinical variant of warts
10. Enlist various treatment modalities of warts
11. Enumerate the microbes causing common skin infections
12. Enlist skin infection caused by staphylococcus and beta hemolytic streptococcus
13. Describe morphological features of folliculitis, furuncle and carbuncle
14. Discuss management of cellulitis
15. Define erysipelas
16. Define impetigo and ichthyomas
17. Enlist lab investigations for bacterial skin infections
18. Describe management of pyoderma
19. Define fine scabies and discuss its etiology and mode of spread
20. Enlist sites commonly affected by scabies.
21. Discuss clinical features and differential diagnosis of scabies.
22. Explain the Norwegian scabies
23. Discuss management of scabies
24. Enlist etiological agent, mode of transmission and common variants of cutaneous tuberculosis
25. Explain morphological features of scrofuloderma and lupus vulgaris
26. Enlist differential diagnosis of warty plaque over nose
27. Define leprosy and discuss its mode of transmission
28. Enumerate various clinical types of leprosy and describe their hallmark morphological features
29. Discuss the management of a case of leprosy
30. Describe morphological features of typical ringworm lesion
31. Describe clinical features of tinea capitis and discuss its differential diagnosis
32. Enumerate various cutaneous dermatophytic infections
33. Discuss predisposing factors and clinical features of tinea pedis
34. Describe tinea in cognitio
35. Discuss lab diagnosis and management of superficial fungal infections
36. Discuss predisposing factors for candidal skin infection
37. Enumerate treatment options for cutaneous candidiasis
38. Define sexually transmitted infections
39. Enumerate common sexually transmitted infections
40. Describe genital ulcers of chancroid
41. Enlist lab investigation of a person with genital ulcer
42. Discuss clinical features and treatment options for gonorrhoea
43. Discuss etiological agent and mode of transmission of syphilis
44. Explain stages of syphilis
45. Enumerate various morphological lesions in secondary syphilis
46. Discuss treatment options for syphilis, herpes genitals and anogenital warts.

Theme 4: Allergic Skin Disorders

Learning Objectives

At the end of the module the students will insha Allah be able to:

1. Enumerate various cutaneous drug eruption
2. Enumerate drugs causing exanthematous drug reactions
3. Enlist antibiotics causing urticaria
4. Describe morphological features of fixed drug eruption
5. Describe erythema multiforme
6. Explain how to differentiate between Stevens-Johnson syndrome and toxic epidermal necrolysis
7. Enlist antibiotics causing Stevens-Johnson syndrome and toxic epidermal necrolysis.
8. Define erythroderma
9. Discuss management of cutaneous drug eruptions
10. Define urticaria and angioedema
11. Classify urticaria
12. Enumerate important questions asked in history of a patient with urticaria
13. Enlist lab investigations of a patient with chronic urticaria
14. Discuss treatment options of a patient with chronic urticaria

Theme 5: Miscellaneous Skin Disorders

Learning Objectives

1. Define acne and explain its pathophysiology
2. Enlist factors influencing acne
3. Describe comedones
4. Describe types of scars in acne patients
5. Enlist lab investigations of a patient with acne vulgaris
6. Enlist treatment of a patient with acne
7. Discuss side effects of oral retinoids
8. Define hirsutism and discuss its pathogenesis
9. Enumerate common causes of hirsutism
10. Enlist lab investigations and treatment options of a patient with hirsutism
11. Describe types of hair loss
12. Define telogen effluvium
13. Describe causes of telogen effluvium
14. Discuss management of a patient with diffuse hair loss
15. Enlist causes of patterned hair loss
16. Discuss management of a patient with patterned hair loss
17. Define alopecia areata and list its associated conditions
18. Describe nail changes in a patient with alopecia areata
19. Discuss treatment options in a patient with alopecia areata
20. Describe nail unit and list common nail diseases
21. Discuss treatment options for onychomycosis
22. Define and classify paronychia and give its treatment options
23. Enlist nail changes in a patient with eczema and psoriasis
24. Discuss management of nail psoriasis
25. Enlist traumatic nail disorders
26. Enumerate causes of koilonychia, clubbing, white bands, onycholysis, splinter haemorrhages and nail pigmentation

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Dermatology Module, (5th Year)

Week-I

Date →	19 th Sept 2016	20 th Sept 2016	21 st Sept 2016	22 nd Sept 2016	23 rd Sept 2016	24 th Sept 2016
↓Ti me	MONDAY	TUESDAY	WEDNES DAY	THURSDAY	FRIDAY	SATURD AY
8:00 am- 8:40 am	LGIS Introduction to Dermatology Module Dr. Sadaf & Module Team	LGIS Lichen planus Col. Dr. Naveed	LGIS Leprosy Cutaneous T.B Col. Dr. Naveed	LGIS Hair Disorders Col. Dr. Naveed	LGIS Acne vulgaris Dr.Sadaf	CLINICAL ROTATIONS (8:00 AM to 2:00 PM)
8:45 am- 9:25 am	LGIS Basic skin lesion Dr. Sadaf	LGIS Eczamas Dr. Sadaf	LGIS Psoriasis Dr. Sadaf	LGIS Scabies Dr. Sadaf	LGIS Superficial Fungal Skin Infection (Dermatophyto sis) Dr. Mumtaz	
9:30am-2:00pm	CLINICAL ROTATIONS	CLINICAL ROTATIONS	CLINICAL ROTATIONS	CLINICAL ROTATIONS	CLINICAL ROTATIONS	

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Dermatology Module, (5th Year)

Week-I

Date →	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
↓Time						
8:00 am-8:40 am	DSL\Revisions	Written Assessment Infectious & Non Infectious + AE+ DAIC Modules	DSL\Revisions	OSCE	DSL\Revisions	CLINICAL ROTATIONS (8:00 AM to 2:00 PM)
8:45 am-9:25 am						
9:30am-2:00pm	CLINICAL ROTATIONS	CLINICAL ROTATIONS	CLINICAL ROTATIONS	CLINICAL ROTATIONS	CLINICAL ROTATIONS	

Resource for Learning &
Reference books

- ABC Dermatology 5th Edition.
- Fitzpatrick's Dermatology in general medicine 7th Edition
- Rook's text book of Dermatology 8th Edition.
- Robbins Text book of Pathology. For Inquiries & Trouble Shooting please contact



Inquires & trouble shooting

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