

DPU

Dr. D. Y. PATIL VIDYAPEETH, PUNE
(DEEMED UNIVERSITY)

SYLLABUS
for
III - MBBS
(Part - II)

2014-15

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**DERMATOLOGY
AND SEXUALLY
TRANSMITTED DISEASES
(SKIN & VD)**

1. GOAL

The aim of teaching the undergraduate student in Dermatology, S.T.D. and Leprology is to impart such knowledge and skills that may enable him to diagnose and treat common ailments and to refer rare diseases or complication/unusual manifestations of common diseases, to the specialist.

2. OBJECTIVES

a) KNOWLEDGE :

At the end of the course of Dermato-S.T.D. and Leprology, the student Shall be able to :

1. Demonstrate sound knowledge of common diseases, their clinical manifestations, including emergent situations and of investigative procedures to confirm their diagnosis;
2. Demonstrate comprehensive knowledge of various modes of therapy used in treatment of dermatological diseases;
3. Describe the mode of action of commonly used drugs, their doses, side effects / toxicity, indications and contra-indications and interactions;
4. Describe commonly used modes of management including the medical and surgical procedures available for the treatment of various diseases and to offer a comprehensive plan of management for a given disorder.

b) SKILLS

The student should be able to

1. Interview the patient, elicit relevant and correct information and describe the history in a chronological order.

2. Conduct clinical examination, elicit and interpret physical findings and diagnose common disorders and emergencies;
3. Perform simple, routine investigative and office procedures required for making the bed-side diagnosis, especially the examination of scrapings for fungus, preparation of slit smears and staining for AFB for leprosy patients and for STD cases;
4. Take a skin biopsy for diagnostic purposes;
5. Manage common diseases recognizing the need for referral for specialized care, in case of inappropriateness of therapeutic response;

c) **INTEGRATION**

The broad goal of effective teaching can be obtained through integration with departments of Medicine, Surgery, Microbiology, Pathology, Pharmacology and Preventive & Social Medicine.

Lesson plan schedule for 6th & 8th semester Tutorial / lectures.

Sr. No.	Lect. No.	Topic
01	01	Structure & Function of skin : introduction/General features, Epidermis; Its layers and cells, Hair; Morphology of the follicle, Nail : Physiology and structural components, Eccrine sweat glands, Apocrine glands, Sebaceous glands and Functions of skin.
02	02	Bacterial diseases I : Predisposing factors, Type of Pyodermas, Infections of Hair follicles, Erythrasma. Toxin Mediated-Bullous impetigo. SSSS, Toxic shock syndrome.
03	03	Fungal infection : Dermatomyces: Pityriasis versicolor: Pathogenesis, Clinical types, Lab Dignosis, Treatment and course.
04	04	Candidiasis : Organisms, Predisposing factors, Clinical features, Lab Diagnosis, Treatment
05	05	Viral diseases I: Herpes Simplex- Herpes Zoster:Definition, Clinical features, Complications, Prophylaxis and Treatment
06	06	Viral diseases II: Molluscum: Warts: Organism, Transmission, Clinical features, Complications, Treatment.
07	07	Papulosquamous Disorders: Psoriasis- Epidemiology and Pathogenesis, Clinical features, Variants, Treatment.

Sr. No.	Lect. No.	Topic
08	08	Lichen Planus: Pityriasis Rosea: Erythroderma: Definition, Types, Etiology, Clinical features, Management
09	09	Vesiculo-Bullous Disorders: Types and mechanism of bullae formation. Pemphigus Vulgaris: Definition and Classification, Rx
10	10	Bullous Pemphigoid: Etiopathogenesis, Clinical manifestations, Diagnosis, Treatment, Prognosis.
11	11	Acne Vulgaris: Definition, Causative factors, Pathogenesis, Clinical Features, Acne form eruptions, Treatment.
12	12	Alopecia Areata: Definition, Cause, Course, Clinical Features, Treatment
13	13	Vitiligo: Definition, Cause, Clinical Features, Differential Diagnosis, Treatment.
14	14	STDs I: Anatomy of genital tract: Male and Female. Gonorrhoea: Clinical Features in males and females, Investigations, Treatment, Complications
15	15	STDs II: Syphilis: Definition, Etiology, Acquired syphilis, Congenital syphilis, Diagnosis, Treatment, Prozone Phenomenon, Jarisch Herxheimer reaction.
16	16	Chancroid: LGV: Granuloma inguinal: Definition, Etiology, Clinical Features, Diagnosis, D/D of inguinal bubo, Inguinal syndrome, genital syndrome, Urethral syndrome, Treatment, Course and Prognosis, Syndromic Management of STDs
17	17	H.I.V.: Structure of virus Transmission, Basic Biology, Classification of HIV associated diseases. Natural course, Diagnosis,
18	18	Prevention, Treatment, National AIDS control programme
19	19	Eczemas: Definition, classification, management
20	20	Leprosy 1 : Definition, Epidemiology, Pathogenesis, Classification, Clinical features, Reactions in Leprosy, Types of reactions, Management of reactions.

Sr. No.	Lect. No.	Topic
21	21	Leprosy 2: Complications of Leprosy – Deformities in leprosy, Grades of deformities, Preventive measures, Diagnosis, Differential diagnosis, Treatment, Strategies of Leprosy Prevention, N.L.E.P., Modified National Leprosy Eradication Programme.
22	22	Diagnostic Procedures : Slit skin smear KOH mount Punch biopsies
23	23	Collagen Vascular Disorders : Systematic Lupus Erythematosus Systemic Sclerosis
24	24	Photodermatitis : Definition, causes, pathogenesis, clinical presentation, treatment

- Total 6 weeks of clinical posting of which 2 weeks in 3rd semester & 4 weeks in 5th semester is held.
- Internal assessment Examination : Examination is conducted after end of clinical posting of 20 marks each. The higher mark in any one of the examination is considered for internal assessment.
- Book recommended : A text book of Dermatology, Venerology & Leprosy by – Dr. Udaya Khopkar