

DVL - UG –CBME Curriculum – Clinical posting

TL activity for 1st clinical term of 2week in II MBBS

	Day	TL activity
Week 1	1	Demonstration of Primary skin lesions
		Demonstration of Secondary skin lesions
		Demonstration of Special skin lesions
	2	Identify the various type of skin lesions in acne
		Morphology and site of lesions of acne
		Discussion regarding grades of various type of Acne
	3	Causes of various type of hypopigmentation
		History taking and examination of patient
		Wood's lamp examination to differentiate various type of hypopigmentation
	4	Clinical features of psoriasis and type of psoriasis
		History taking and clinical examination of patient
		Demonstration of grattage sign and auspitz sign
	5	Diagnosis of psoriasis by skin biopsy
		Discussion regarding differential diagnosis of psoriasis by consulting doctor
		Discussion regarding treatment and counseling of psoriasis patient by consulting doctor
Week 2	1	Identify and distinguish herpes simplex and herpes labialis from other skin lesions
		Demonstration of Tzanck smear
		Treatment of Herpes Simplex
	2	Identify and distinguish herpes zoster and Varicella from other skin lesions
		Demonstration of Tzanck smear
		Treatment of Herpes Zoster
	3	Identify and distinguish impetigo and folliculitis from other skin lesions
		Demonstration of Gram's Stain
		Treatment of Impetigo
	4	Identify and distinguish viral warts from other skin lesions
		Various treatment modalities of Wart
		Demonstration of electrocautery/ Cryotherapy for wart
	5	Identify and distinguish Molluscum Contagiosum from other skin lesions
		Various treatment modalities of Molluscum Contagiosum
		Demonstration of chemical cauterization/Cryotherapy for Molluscum Contagiosum

COMPETENCIES: PHASE II

Subject: DVL- Subject Item – Clinics

Competency Addressed	Suggested Teaching- learning Activity
DR-A1: Enumerate and describe the primary, secondary and special skin lesions	Demonstration
DR-A3: Elicit and present medical history of a common dermatology case	Case Presentation / Small group discussion
DR-A2: Present and describe basics of dermatological examination of a common dermatology case	Case Presentation/ Small group discussion
DR1.2 Identify and grade the various common types of acne	Case demo. / Bedside Clinics
DR2.1 Identify and differentiate vitiligo from other causes of hypopigmented Skin lesions	Case demonstration/ Bedside clinic
DR2ex Demonstrate Wood's lamp examination of vitiligo lesion	DOAP session
DR3.1 Identify and distinguish psoriatic lesions from other causes	Case demonstration/ Bedside Clinics
DR3.2 Demonstrate The grattage test, Auspitz sign	Case Demo. // Bedside Clinic /DOAP session
DR3.3 Enumerate the indications for and describe the various modalities of Treatment for psoriasis	Small group discussion
DR8.6: Enumerate the indications, describe the procedure and perform a Tzanck smear	DOAP session (Demonstration- Observation-Assistance - Performance)
DR8.2: Identify and distinguish herpes simplex and herpes labialis from other skin lesions	Case demonstration/ Bedside Clinics
DR8.3: Identify and distinguish herpes zoster and varicella from other skin Lesions	Case demonstration/ Bedside Clinics
DR8.4: Identify and distinguish viral warts from other skin lesions	Case demonstration/ Bedside Clinics
DR8.4.X- Demonstrate treatment options- chemical/electrical cautery of warts Certifiable skill-	DOAP
DR8.5: Identify and distinguish molluscum contagiosum from other skin lesions	Case demonstration/ Bedside Clinics
DR8.5.X- Demonstrate treatment options- chemical cautery for MC Certifiable skill-	DOAP
DR15.1: Identify and distinguish folliculitis impetigo and carbuncle from other skin lesions	Case demonstration/ Bedside Clinics
DR15.2: Identify staphylococcus on a gram stain Certifiable skill: Gram's-stained smear interpretation (I- Independently performed on patients)	DOAP session (Demonstration- Observation - Assistance - Performance)

TL activity for 2nd clinical term of 2week in III MBBS Part 1

	Day	TL activity
Week 1	1	Clinical features of lichen planus and type of lichen planus
		History taking and clinical examination of patient
		Discussion regarding differential diagnosis of lichen planus by consulting doctor
	2	Identify the various type of skin lesions in scabies
		Demonstration of KOH smear examination in patents of scabies
		Discussion regarding differential diagnosis of scabies in adult by consulting doctor
	3	Discussion regarding clinical variant of scabies by consulting doctor
		Discussion regarding Clinical features and differential diagnosis of scabies in infant by consulting doctor
		Discussion regarding treatment and counseling of patient of scabies by consulting doctor
	4	Identify the various type of skin lesions in pediculosis
		Demonstration of louse in patents of pediculosis capitis
		Discussion regarding differential diagnosis of pediculosis in children by consulting doctor
	5	Demonstration of louse in patents of pediculosis corporis / pubis
		Discussion regarding differential diagnosis of pediculosis in adult by consulting doctor
		Discussion regarding treatment and counseling of patient of pediculosis by consulting doctor
Week 2	1	Describe the aetiopathogenesis of eczema
		Classify the eczema and clinical features of eczema
		Discussion regarding differential diagnosis of eczema by consulting doctor
	2	Discussion regarding causes and clinical features of erythroderma
		Differential diagnosis of erythroderma and various complication of erythroderma
		Treatment of erythroderma
	3	Enumerate severe type of drug reactions
		Clinical features and differential diagnosis of SJ syndrome
		Clinical features and differential diagnosis of DRESS
	4	Identify and distinguish dermatophytosis from other skin lesions
		Various clinical types of dermatophytosis
		Demonstration KOH smear examination of for dermatophytosis
	5	Identify and distinguish pityriasis versicolor from other skin lesions
		Demonstration KOH smear examination of for pityriasis versicolor
		Treatment of superficial fungal infections

COMPETENCIES: PHASE III Part 1

Subject: DVL- Subject Item – Clinics

Competency Addressed	Suggested Teaching- learning Activity
DR4.1 Identify and distinguish lichen planus lesions from other causes	Case demonstration/ Bedside Clinics
DR4.2 Enumerate and describe the treatment modalities for lichen planus	Small group discussion/ Tutorial
DR5.2: Identify and differentiate scabies from other lesions in adults and children	Case demonstration/ Bedside Clinics
DR6.2: Identify and differentiate pediculosis from other skin lesions in adults and children	Case demonstration/ Bedside Clinics
DR10.1 Identify and classify syphilis based on the presentation and clinical manifestations	Case demonstration/ Bedside Clinics
DR7.2: Identify Candida species (and other fungi) in fungal scrapings and KOH mount (of skin/ hair/ nail specimens. (D-demonstration on patient performance under supervision in patients)	DOAP session (Demonstration- Observation - Assistance - Performance)
DR10.2 Identify spirochete in dark ground microscopy	DOAP session
DR12.2 Identify eczema and differentiate it from lichenification and changes of aging	Case demo. / Bedside Clinics
DR12.5 Define erythroderma. Enumerate and identify the causes of erythroderma. Discuss the treatment	Case demo. / Bedside Clinics
DR12.6 Identify and distinguish exfoliative dermatitis from other skin lesions	Case demo. / Bedside Clinics
DR12.7 Identify and distinguish fixed drug eruptions and Steven Johnson syndrome from other skin lesions	Case demo. / Bedside Clinics

TL activity for 3rd clinical term of 2week in III MBBS Part II

	Day	TL activity
Week 1	1	Classification of leprosy based on clinical features and histology
		Demonstration of nerve examination in leprosy
		Demonstration of motor and sensory function of nerve
	2	Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy
		Grading of AFB smear
		Enumerate, describe and identify lepra reactions and supportive measures and therapy of lepra reactions
	3	Identify and classify syphilis based on the presentation and clinical manifestations
		Identify spirochete in a dark ground microscopy
		Identify and differentiate based on the clinical features non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)
	4	Counsel in a non-judgemental and empathetic manner patients on prevention of sexually transmitted disease
		Treatment of syphilis including special situations
		Syndromic approach in GUD
	Week 2	1
Opportunistic infections in HIV		
Adverse reactions in HIV		
2		Classify vesiculobullous disorders
		Demonstration of Nikolsky's sign and Bulla spread sign
		Demonstration of Tzanck Smear
3		Identify and distinguish skin lesions of SLE
		Identify and distinguish Raynaud's phenomenon
		SLICC criteria for diagnosis of SLE
4		Identify the cutaneous findings in vitamin deficiency
5		Identify cutaneous features of Type 2 diabetes

COMPETENCIES: PHASE III PART II

Subject: DVL- Subject Item – Clinics

Competency Addressed	Suggested Teaching- learning Activity
DR9.2 Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurologic examination	Casedemonstration/ /Bedsideclinic/DOAPsession
DR9.3 Enumerate the indications and observe the performance of aslit skin smear in patients with leprosy	BedsideClinics/ DOAP session
DR9.6 Describe the treatment of Leprosy based on the WHO guidelines	Small group discussion
DR13.1 Distinguish bulla from vesicles	Case demo. / Bedside Clinics
DR13.2 Demonstrate the Tzanck test, nikolsky sign and bulla spread sign	DOAP session
DR13.3 Calculate the body surface area of involvement of vesiculobullous lesions	Case demo. / Bedside Clinics
DR14.2 Identify and distinguish urticarial from other skin lesions	Case demo. / Bedside Clinics
DR14.3 Demonstrate dermatographism	DOAP session
DR 14.4 Identify and distinguish angioedema from other skin lesions	Case demo. / Bedside Clinics
DR16.1 Identify and distinguish skin lesions ofSLE	Case demo. / Bedside Clinics
DR16.2 Identify and distinguish Raynaud's phenomenon	Case demo. / Bedside Clinics
DR17.1 Enumerate and identify the cutaneous findings in vitamin A deficiency	Case demo. / Bedside Clinics
DR18.1 Enumerate the cutaneous features of Type 2 diabetes	Case demo. / Bedside Clinics
DR10.2 Identify spirochete in adark ground microscopy	DOAP session
DR10.5 Counsel in a non- judgemental and empathetic manner patient on prevention of sexually transmitted disease	DOAP session (Demonstration- Observation - Assistance - Performance)
DR10.6 Describe the etiology, diagnostic and clinical features of Syphilitic sexually transmitted diseases	Case demonstration/ Bedside Clinics
DR10.7 Identify and differentiate based on the clinical features non-syphilitic sexually transmitted genital ulcer diseases (chancroid, donovanosis and LGV)	Case demonstration/ Bedside Clinics
DR 10.9 Identify clinical features herpes genitalis	Case demo. Bedside Clinics
DR10.11 Identify clinical features of gonococcal and non-gonococcal urethritis	Case demo. Bedside Clinics
10.12 diagnostic and clinical features of vaginal discharge	Case demo. Bedside Clinics
DR 10.10 Describe the syndromic approach to ulcerative sexually transmitted disease	Small group discussion
DR 11.2 Describe cutaneous manifestations of HIV	Small group discussion

Department of DVL- Lecture topics as per CBME

Lecture	Topic / competency), teaching method
1.	Introduction- Structure and function of skin - SDL
2.	Acne - Enumerate the causative and risk factors of acne. Describe the treatment and preventive measures for various kinds of acne(DR 1.1 & 1.3 (L))
3.	Causes of hypopigmented lesions Describe the treatment of vitiligo(DR 2.1 & 2.2 (L))
4.	Differential diagnosis of Papulosquamous disorders - Psoriasis Enumerate the indications for and describe the various modalities of treatment of psoriasis including topical, systemic and phototherapy(DR 3.1, 3.3)
5.	Differential diagnosis of Papulosquamous disorders – Lichen Planus(DR 4.1, 4.2)(L))
6.	5.1 Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and children 5.2 Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies(DR 5.1, 5.2)(IL)Pharm)
7.	6.1 Describe the etiology pathogenesis and diagnostic features of pediculosis in adults and children Treatment of Pediculosis in adult and children(DR 6.1)(SDL)Paed)
8.	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults and children(DR7.1)(L)Micro)
9.	Describe the clinical presentations and diagnostic features of dermatophytes in children (DR 7.1) SGLPaed)
10.	Describe the pharmacology and action of antifungal (systemic and topical) agents. Enumerate side effects of antifungal therapy. (DR 7.3) (SGL)Pharm)
11.	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children. (DR 8.1) (L))
12.	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin. (DR 8.7) (SGL)Pharm)
13.	Classify, describe the epidemiology, etiology, microbiology, pathogenesis, clinical presentations and diagnostic features of Leprosy. (DR 9.1) (IL)Med, Micro)
14.	Enumerate, describe and identify lepra reactions and supportive measures and therapy of lepra reactions; (DR 9.4) (SGL)Pharm)
15.	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for various classes of leprosy based on national guidelines (DR 9.5) (IL) /SGLPharm,Med)
16.	Describe the treatment of Leprosy based on the WHO guidelines (DR9.6) (SDL)Pharm,Med)
17.	Enumerate and describe the complications of leprosy and its management, including understanding disability and stigma. (DR 9.7) (IL)/ SGLMed,CM)
18.	Identify and classify syphilis based on the presentation and clinical manifestations Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis. Describe the prevention of congenital syphilis(DR 10.1, 10.3, 10.4) (IL)Med,Pharm)
19.	Describe the etiology, diagnostic and clinical features of nonsyphilitic sexually transmitted

Department of DVL- Lecture topics as per CBME

	diseases (chancroid, donovanosis and LGV) Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV) (DR 10.6, 10.8) (IL)Micro, Pharm, Med
20.	Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the nonsyphilitic sexually transmitted diseases (chancroid, donovanosis and LGV) (DR10.8) (IL), SDL, Micro, Pharm, Med
21.	Describe the etiology, diagnostic and clinical features and management of gonococcal and non-gonococcal urethritis (DR10.10) (IL)Micro, Pharm, Med
22.	Describe the etiology, diagnostic and clinical features and management of vaginal discharge (DR 10.11) (IL)O&G
23.	Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV (DR 11.1, 11.3) (L)
24.	Describe the aetiopathogenesis of eczema. Classify and grade eczema Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the treatment of eczema (DR 12.1, 12.3, 12.4) (SDL)
25.	Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema. Enumerate the indications and describe the pharmacology, indications and adverse reactions, of drugs used in the urticaria and angioedema (DR 14.1, 14.5) (IL)Path, Pharm
26.	Pyodermas - folliculitis impetigo and carbuncle Clinical features. Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma. Enumerate the indications for surgical referral (DR15.1, 15.3) (SDL)
27.	Nutritional Deficiencies - Enumerate and identify the cutaneous findings in vitamin A deficiency. Enumerate and describe the various changes in Vitamin C deficiency (DR17.1, 17.3) (L)
28.	Enumerate and describe the various skin changes in Vitamin B complex deficiency (DR17.2) (SDL)
29.	Enumerate and describe the various changes in Zinc deficiency (DR 17.4) (L)
30.	Enumerate the cutaneous features of Type 2 diabetes (DR 18.1) (L) SDL
31.	Enumerate the cutaneous features of hypo/hyper-thyroidism (DR 18.2) (SGL)