

	<b>Course outcome</b>	<b>PO1 Clinician</b>	<b>PO2 Leader</b>	<b>PO3 Communicator</b>	<b>PO4 Lifelong learner</b>	<b>PO5 Professional</b>	<b>PO6 Critical thinker</b>	<b>PO7 Resear cher</b>
<b>Topic</b>	<b>Acne</b>							
DR1.1	Enumerate the causative and risk factors of acne	3	0	2	2	1	2	2
DR1.2	Identify and grade the various common types of acne	3	0	2	2	1	2	2
DR1.3	Describe the treatment and preventive measures for various kinds of acne	3	2	2	2	1	2	2
<b>Topic</b>	<b>Vitiligo</b>							
DR2.1	Identify and differentiate vitiligo from other causes of hypopigmented lesions	3	0	2	2	1	2	2
DR2.2	Describe the treatment of vitiligo	3	1	2	2	1	2	2
<b>Topic</b>	<b>Papulosquamous disorder</b>							
DR3.1	Identify and distinguish psoriatic lesions from other causes	3	0	2	2	1	2	2
DR3.2	Demonstrate the grattage test	3	1	3	2	1	2	2
DR3.3	Enumerate the indications for and describe the various modalities of treatment of psoriasis including topical, systemic and phototherapy	3	0	2	2	1	2	2
<b>Topic</b>	<b>Lichen planus</b>							
DR4.1	Identify and distinguish lichen planus lesions from other causes	3	0	2	2	1	2	2
DR4.2	Enumerate and describe the treatment modalities for lichen planus	3	0	2	2	1	2	2
<b>Topic</b>	<b>Scabies</b>							
DR5.1	Describe the etiology, microbiology, pathogenesis, natural history, clinical features, presentations and complications of scabies in adults and children	3	0	2	1	2	2	2
DR5.2	Identify and differentiate scabies from other lesions in adults and children	3	0	2	2	2	3	2
DR5.3	Enumerate and describe the pharmacology, administration and adverse reaction of pharmacotherapies for scabies	3	0	2	2	2	2	3
<b>Topic</b>	<b>Pediculosis</b>							
DR6.1	Describe the etiology pathogenesis and diagnostic features of pediculosis in adults and children	3	0	2	2	2	2	2

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DR6.2	Identify and differentiate pediculosis from other skin lesions in adults and children	3	0	2	2	2	3	2
<b>Topic</b>	<b>Fungal infection</b>							
DR 7.1	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of dermatophytes in adults and children	3	0	2	1	2	2	2
DR7.2	Identify Candida species in fungal scrapings and KOH mount	3	0	1	2	1	2	2
DR7.3	Describe the pharmacology and action of antifungal (systemic and topical) agents. Enumerate side effects of antifungal therapy	3	0	2	2	2	2	2
<b>Topic</b>	<b>Viral infection</b>							
DR8.1	Describe the etiology, microbiology, pathogenesis and clinical presentations and diagnostic features of common viral infections of the skin in adults and children	3	0	2	1	2	2	3
DR8.2	Identify and distinguish herpes simplex and herpes labialis from other skin lesions	3	0	3	2	2	3	2
DR8.3	Identify and distinguish herpes zoster and varicella from other skin lesions	3	0	2	3	2	2	3
DR8.4	Identify and distinguish viral warts from other skin lesions	3	0	2	2	1	2	2
DR8.5	Identify and distinguish molluscum contagiosum from other skin lesions	3	0	2	2	2	2	2
DR8.6	Enumerate the indications, describe the procedure and perform a Tzanck smear	3	0	1	1	2	1	2
DR8.7	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for common viral illnesses of the skin	3	0	2	2	2	2	2
<b>Topic</b>	<b>Leprosy</b>							
DR9.1	Classify, describe the epidemiology, etiology, microbiology,	3	0	3	2	2	2	2

	pathogenesis, clinical presentations and diagnostic features of Leprosy							
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DR9.2	Demonstrate (and classify based on) the clinical features of leprosy including an appropriate neurologic examination	3	1	3	1	2	2	2
DR9.3	Enumerate the indications and observe the performance of a slit skin smear in patients with leprosy	2	0	2	1	2	2	1
DR9.4	Enumerate, describe and identify lepra reactions and supportive measures and therapy of lepra reactions	3	2	2	2	2	2	2
DR9.5	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for various classes of leprosy based on national guidelines	3	1	2	2	2	2	2
DR9.6	Describe the treatment of Leprosy based on the WHO guidelines	2	1	2	1	2	1	1
DR9.7	Enumerate and describe the complications of leprosy and its management, including understanding disability and stigma.	3	2	3	2	2	2	2
<b>Topic</b>	<b>Sexually transmitted diseases</b>							
DR10.1	Identify and classify syphilis based on the presentation and clinical manifestations	3	1	3	1	2	2	2
DR10.2	Identify spirochete in a dark ground microscopy	2	0	2	0	1	2	2
DR10.3	Enumerate the indications and describe the pharmacology, administration and adverse reaction of pharmacotherapies for syphilis	3	1	2	2	2	2	2
DR10.4	Describe the prevention of congenital syphilis	2	2	2	1	2	2	2
DR10.5	Counsel in a non-judgemental	2	1	3	1	2	2	1

	and empathetic manner patients on prevention of sexually transmitted disease							
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DR10.6	Describe the etiology, diagnostic and clinical features of non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	3	1	3	2	2	2	2
DR10.7	Identify and differentiate based on the clinical features non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	3	0	3	0	2	2	1
DR10.8	Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the non-syphilitic sexually transmitted diseases (chancroid, donovanosis and LGV)	2	0	2	3	2	2	3
DR10.9	Describe the syndromic approach to ulcerative sexually transmitted disease	3	0	2	1	2	1	2
DR10.10	Describe the etiology, diagnostic and clinical features and management of gonococcal and non-gonococcal urethritis	3	0	3	3	2	3	2
DR10.11	Describe the etiology, diagnostic and clinical features and management of vaginal discharge	3	0	3	3	2	3	2
<b>Topic</b>	<b>HIV</b>							
DR11.1	Describe the etiology, pathogenesis and clinical features of the dermatologic manifestations of HIV and its complications including opportunistic infections	3	0	3	3	2	2	2
DR11.2	Identify and distinguish the dermatologic manifestations of HIV, its complications, opportunistic infections and adverse reactions	3	0	3	2	2	2	1
DR11.3	Enumerate the indications and describe the pharmacology,	2	1	2	2	3	3	2

	administration and adverse reaction of pharmacotherapies for dermatologic lesions in HIV							
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<b>Topic</b>	<b>Dermatitis and eczema</b>							
DR12.1	Describe the aetiopathogenesis of eczema	1	0	1	3	1	3	3
DR12.2	Identify eczema and differentiate it from lichenification and changes of aging	3	1	2	1	3	3	2
DR12.3	Classify and grade eczema	2	0	3	0	3	3	0
DR12.4	Enumerate the indications and describe the pharmacology, indications and adverse reactions of drugs used in the treatment of eczema	3	0	2	3	2	3	2
DR12.5	Define erythroderma. Enumerate and identify the causes of erythroderma. Discuss the treatment	3	1	2	3	2	3	2
DR12.6	Identify and distinguish exfoliative dermatitis from other skin lesions	2	0	3	2	2	2	1
DR12.7	Identify and distinguish fixed drug eruptions and Steven Johnson syndrome from other skin lesions	2	0	3	2	2	2	1
<b>Topic</b>	<b>Vesicobullous lesions</b>							
DR13.1	Distinguish bulla from vesicles	2	0	2	2	2	2	0
DR13.2	Demonstrate the Tzanck test, nikolsky sign and bulla spread sign	3	0	3	0	3	3	0
DR13.3	Calculate the body surface area of involvement of vesiculobullous lesions	3	0	3	1	2	2	0
<b>Topic</b>	<b>Urticaria Angioedema</b>							
DR14.1	Describe the etiology, pathogenesis and clinical precipitating features and classification of Urticaria and angioedema	3	0	2	2	2	2	2
DR14.2	Identify and distinguish urticarial from other skin lesions	2	0	2	2	3	2	2
DR14.3	Demonstrate dermographism	2	0	1	1	2	2	2

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DR14.4	Identify and distinguish angioedema from other skin lesions	2	0	2	1	2	2	2
DR14.5	Enumerate the indications and describe the pharmacology indications and adverse reactions of drugs used in the urticaria and angioedema	2	1	2	2	2	2	2
<b>Topic</b>	<b>Pyoderma</b>							
DR15.1	Identify and distinguish folliculitis impetigo and carbuncle from other skin lesions	3	0	2	2	2	2	2
DR15.2	Identify staphylococcus on a gram stain	2	0	2	2	2	2	2
DR15.3	Enumerate the indications and describe the pharmacology, indications and adverse reactions of topical and systemic drugs used in treatment of pyoderma	2	0	2	2	3	2	2
DR15.4	Enumerate the indications for surgical referral	2	1	3	3	2	2	1
<b>Topic</b>	<b>Collagen vascular diseases</b>							
DR16.1	Identify and distinguish skin lesions of SLE	2	0	1	2	3	2	1
DR16.2	Identify and distinguish Raynaud's phenomenon	2	0	1	2	2	2	2
<b>Topic</b>	<b>Nutritional deficiencies and Skin</b>							
DR17.1	Enumerate and identify the cutaneous findings in vitamin A deficiency	2	0	1	2	2	2	2
DR17.2	Enumerate and describe the various skin changes in Vitamin B complex deficiency	2	0	1	2	2	2	2
DR17.3	Enumerate and describe the various changes in Vitamin C deficiency	3	0	2	2	2	2	2
DR17.4	Enumerate and describe the various changes in Zinc deficiency	3	0	2	2	2	2	1
<b>Topic</b>	<b>Systemic diseases and skin</b>							
DR18.1	Enumerate the cutaneous features of Type 2 diabetes	2	0	1	2	2	2	1
DR18.2	Enumerate the cutaneous features of hypo/hyper-thyroidism	2	0	2	2	2	2	1