

DERMATOLOGY

Sr no.	TOPIC
Observational (Descriptive)	
1.	Prevalence and characteristics of muco-cutaneous manifestations in Human immunodeficiency virus patients receiving antiretroviral therapy.
2.	Estimating rate of muco-cutaneous adverse drug reactions to targeted therapies and its causality assessment as per Narango score.
3.	What are the common allergens causing facial contact dermatitis?
4.	Prevalence/incidence of sleep disorders in patients with psoriasis.
5.	Studying the role of patch testing with Indian cosmetic series in patients with melasma.
6.	What portion of expenditure (direct and indirect costs) is out-of-pocket in patients with vitiligo or psoriasis visiting tertiary care centers for phototherapy (> 1 month) compared to those treated without phototherapy?
7.	Sensitivity and specificity of point of care tests for syphilis as compared to treponemal and non-treponemal tests.
8.	Predictability of prognosis based on SCORTEN (SCORE of Toxic Epidermal Necrosis) score among Indian patients with toxic epidermal necrolysis.
9.	Patch testing using Indian standard series among patients with recalcitrant palmoplantar eczema.
10.	Studying the role of patch and photopatch testing in patients of pigmented contact dermatitis.
11.	Clinico-aetiological correlation of Tinea versicolor with the various subspecies of Malassezia.

12.	Evaluating in-vitro testing methods of topical antifungal agents/drugs in tinea corporis with standardized patches of drugs with antifungal drug sensitivity measured in vivo.
13.	Evaluating utility of patch and prick testing methods in various cutaneous adverse drug reactions.
14.	Assessing reliability of dermoscopy in diagnosis of skin adnexal tumors.
15.	What is the prevalence of physiological and pathological nail changes in the pediatric age group?
16.	Correlation between isolation of newly described <i>Trichophyton mentagrophytes</i> ITS genotype VIII and increase of resistance pattern in superficial dermatophytosis?
17.	Is EHF (Eyes, Hands, Feet) score more sensitive than World Health Organization disability grading to assess extent of nerve function impairment in Hansen's disease?
18.	Are patients at high-risk for sexually transmitted infections (STIs) show difference in knowledge attitude and practice regarding sexually transmitted infections (STIs), in comparison to general public?
19.	Are excimer laser and narrow band Ultraviolet-B comparable in the management of childhood vitiligo?
20.	Is autoimmune vesiculobullous disease quality index questionnaire a better tool than dermatology life quality index questionnaire to assess quality of life of patients with autoimmune vesiculobullous diseases?
21.	Questionnaire based study on genital hygiene practices in women with and without chronic vulvar dermatoses.
22.	Estimating cost of care in management of patients with pemphigus.

23.	Clinical and immune-pathological study of chronic pruritus in geriatric population.
24.	Genotype-phenotype correlation of congenital epidermolysis bullosa from India.
25.	In patients with chronic spontaneous urticaria, what proportion have eosinopenia and how do the eosinopenic subset differ with regard to the clinical features, course of disease and response to treatment?
26.	In pediatric atopic dermatitis patients, how do serum levels of Cutaneous T-cell attracting chemokine (CTACK) or other novel biomarker correlate with disease severity?
27.	To map the regional diversity, patterns and number of keloids, along with their immune histochemical differentiation characteristics.
28.	Establishment of an image bank for various disorders to help artificial intelligence / machine learning classify dermatological disorders of skin of colour.
29.	To estimate the delay in diagnosis and cost of care for genodermatoses.
Observational (Analytical)	
30.	Correlation between dermoscopy and histopathological examination in papulosquamous disorders such as psoriasis, mycosis fungoides and pityriasis rosea.
31.	Do serum levels of interleukin -17 and interleukin -9 differ significantly between leprosy patients with and without lepra reaction?
32.	Clinicopathological correlation across the spectrum of leprosy during and after WHO fixed drug therapy.

33.	Clinical-dermoscopic-histological correlation in infective granulomatous dermatosis.
34.	What is the attributable risk of fomites in patients with familial dermatophytosis?
35.	Clinical, epidemiological and aetiological study of cutaneous superficial dermatophytic infections: Tinea corporis, cruris, pedis, manum, faciei, capitis and unguium using newer molecular biological methods like mass spectrometry/ Polymerase chain reaction/ and its correlation with traditional cultural methods.
36.	Correlation between various systemic and cutaneous manifestations of Systemic lupus erythematosus and levels of autoimmune antibodies.
37.	Assessing the causes of poor treatment compliance in patients of leprosy.
38.	What is the prevalence and clinico histopathological features of skin eruptions in patients treated with Dipeptidyl inhibitors (Gliptins) compared to other oral hypoglycaemic agents?
39.	To estimate the prevalence, extent and common causes of topical/oral steroid abuse.
Experimental	
40.	Is intralesional <i>Candida albicans</i> antigen more effective and safer than intralesional mumps measles rubella vaccine in patients with multiple cutaneous warts?
41.	Direct Immunofluorescence of terminal hair compared with perilesional Direct Immunofluorescence as a prognostic tool (using Pemphigus Disease Area Index (PDAI) and Autoimmune Bullous Skin Disorder Intensity-Score (ABSIS) scores) in treatment naive Pemphigus Vulgaris.

42.	How accurate are smartphone images for diagnosing chronic papulosquamous disorders in Tele dermatology clinics compared to outpatient visit by patient for diagnosis confirmation/biopsy?
43.	A randomised controlled trial to evaluate efficacy of intralesional injections (corticosteroid / triamcinolone / 5-fluorouracil / bleomycin) alone versus in combination with silicone sheets in keloids.
44.	Are natural remedies like topical Garlic/Ginger/Turmeric* safe and effective in Alopecia Areata (patients of > 12years of age and with <50% of scalp involvement), when compared with topical steroid/JAK inhibitors (topical Clobetasol cream 0.05% / topical Tofacitinib 2% gel) in achieving > 50% recovery?
45.	Does Systemic Curcumin (Turmeric powder in milk) along with systemic treatment (Apremilast/Methotrexate) Vs. systemic treatment ALONE help as an adjuvant in Psoriasis (>10% Body Surface Area/Psoriatic Area Severity Index >10)?
46.	Efficacy of tofacitinib alone versus in combination with betamethasone minipulse in patients with alopecia totalis and universalis.
47.	In patients with psoriasis, does adding a structured physical exercise programme / yoga exercises to the routinely recommended treatment lead to better treatment outcomes in terms of Psoriatic Area Severity Index reduction?
48.	In patients with mild to moderate atopic eczema, does adding antihistamines to standard topical treatment fare better in reducing 'Eczema Area and Severity Index' scores than giving standard topical treatment alone in children?

49.	Efficacy and safety of low dose thalidomide (100mg) with prednisolone versus high doses thalidomide (400mg) tapered down in patients with recalcitrant type 2 reaction.
50.	Effect of camouflage on Dermatology quality of life index in vitiligo patients.
51.	Comparative efficacy of Platelet Rich Plasma therapy Vs. collagen dressings in chronic wounds.
52.	Therapeutic Efficacy of topical Luliconazole Vs. topical terbinafine in Tinea Cruris.
53.	Efficacy of topical tofacitinib compared to standard of care in vitiligo.
54.	How safe and effective is low-dose rituximab compared to standard of care in the management of cutaneous lupus / dermatomyositis?
55.	Assessing effectiveness of alternative drug regimes compared to standard regimen as per National Leprosy Eradication Programme for treatment of Leprosy.
56.	Intervention study to test the efficacy of oral azathioprine in steroid dependent recurrent type 2 lepra reaction.
57.	Efficacy of probiotics compared to standard of care in the management of atopic dermatitis in India.
58.	Efficacy of apremilast compared to standard of care in the management of type 2 lepra reaction - a randomized control trial.
59.	Efficacy of isotretinoin compared to standard of care in the management of lichen planus pigmentosus.

60.	Intra individual comparison of percentage repigmentation with suction blister grafting and epidermal cell suspension in stable vitiligo.
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