

## World Congress on SKIN CARE, DERMATOLOGY AND ALLERGIC DISEASES

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**A study of the pattern of dermatoses in adolescent patients in South India****Nithya Satish***Mahatma Gandhi Medical College, India*

**Background:** Adolescence describes the age group between 10 and 19 years. This is the transitional stage of physical and physiological human development generally occurring between puberty and adulthood. Hormonal changes occurring during puberty results in various physical and psychological changes, affecting their social relationship. At this stage, external appearance is of immense concern to them. As such, any dermatological condition can extremely affect their psychological status. This study was conducted to give an insight on the various dermatological conditions of the adolescent age groups and their incidence.

**Methods:** Study design: Descriptive study – Cross Sectional study. Three hundred patients between the age group of 10 and 19 years, attending the tertiary care centre in South India were included in the study. A detailed history, clinical examination and appropriate laboratory investigations were carried out.

**Results:** Out of 300 patients, females (52.7%) more commonly presented with dermatoses than males (47.3%). Most of them belonged to the age group of 17-19 years (50.33%). Infections / infestations (39.00%) were the most predominant dermatoses followed by acne (17.67%), eczema (9.67%), insect bite reactions (IBR) (7%), keratinization disorders (6.67%), polymorphic light eruptions (PLE) (4.33%), urticaria (4.33%) and pigmentary disorders (4.33%).

**Conclusion:** This study gives an insight of various dermatological conditions among the adolescent age groups. Females more commonly presented with dermatoses. The commonest dermatoses were infections. Since very few studies regarding the dermatoses in adolescents are available in literature, this study is distinctive in this regard.

**Biography**

Dr Nithya, have completed MD dermatology on 2015. She was working as an Assistant professor in PSG Hospitals, Coimbatore for few years. She had co-authored a chapter "Diseases of vascular system, vasculitis and leg ulcer" in IADVL book, and worked as a Scientific Committee Member for Dermacon National Conference 2016. Simultaneously, She was working under eminent Professors Dr Surendran and Dr C R Srinivas. She was working in Thaj laser skin care centre, Coimbatore for 2 years. She have completed fellowships in cosmetology in two cosmetology centres. Presently, She was working in a private clinic in Tamil nadu.

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