

International Conference on

Psoriasis and Skin Specialists Meeting

December 08-09, 2016 Dallas, USA

Pattern of childhood psoriasis in Bangladesh

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Approximately one third cases of psoriasis start before age 16 and their presentation is remarkably variable in children. In Bangladesh very few clinical and epidemiological studies have been done on pediatric psoriasis. This multi-center observational study was conducted in Bangabandhu Sheikh Mujib Medical University and Dhaka Medical College Hospital between July 2011 and June 2015. Pattern of presentation of psoriasis including family history, age, sex, preceding streptococcal infection, pruritus, site of involvement, type, severity, nail involvement and psoriatic arthritis were observed over 138 children (1 day to 18 years). Among them 51.45% were girls and 48.55% were boys, mean age of onset of psoriasis were 7.54 ± 2.73 years, peak age of onset was 6-9 years and positive family history was found in 11.59%. Pruritus was present in 81.16% cases and history of streptococcal sore throat was found in 39.86% cases. Most of the children presented with classic plaque 69.57% and guttate variety were the next common type (18.84%). Erythrodermic, acropustulosis, pustular, psoriasis-eczema overlap, sebopsoriasis, linear and flexural are the other types of pediatric psoriasis. Most of the kids (75.36%) give history of scalp involvement at some point of their sickness. Other commonly involved sites were extensor extremities (41.30%) and trunk (37.68%). Nail and joint involvement were found in 20.29% and 2.90% of children with psoriasis respectively. Knowing these variable presentations of childhood psoriasis is crucial for diagnosis, management and monitoring of this chronic disfiguring disease.

Biography

Mohammed Saiful Islam Bhuiyan has completed his graduation (MBBS) from Chittagong Medical College in 1997 and obtained his MD (Doctor of Medicine) degree from Bangabandhu Sheikh Mujib Medical University, Dhaka, Bangladesh in 2009. He is currently working as an Assistant Professor in the same university. He has presented numbers of scientific papers in different national and international conference including 9th SARCD-2015 in Mysore, India and 23rd WCD-2015 in Vancouver, Canada. He has published 18 papers in different national and international medical journals and he is a Member of Editorial Board of Bangladesh Medical Journal.

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