



ORIGINAL RESEARCH PAPER

Dermatology

“A RARE CASE OF BOOK'S SYNDROME”

KEY WORDS: Excessive sweating over palms & soles, greying of hair, syndromic association, Book's syndrome

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ABSTRACT

A young male patient came to OPD with complaints of excessive sweating over palms and soles since 8 months which was affecting his routine activities. He had taken treatment from few doctors but didn't get satisfactory results from anyone. Eventually he came to us with the same complaints. After taking detailed history & physical examination, we found some other findings which we thought were not related to his primary complaints like greying of hair. But eventually while searching for some syndromic associations, we unexpectedly found this rare case of Book's syndrome. Currently patient is having excellent results & responding nicely to our treatment.

18 years old male patient came to our OPD with primary complaints of excessive sweating over his palms and soles since 8 months. He was having difficulty in doing his regular day to day activities like writing or holding something tight etc. he had taken treatment from few physicians before but was not having satisfactory results. Eventually he came to our OPD in PDMMC for the same.

We took the detailed history of the patient with physical examination. So we found that similar complaints were present in his father 20 years ago. Also, accidentally we found that patient was having greying of hair over temporal & occipital region of scalp since one year. Again the family history was positive for the same. So, finally we made our final diagnosis as “palmoplantar hyperhidrosis with HDSS scale – Grade 2 with premature canities”. We started the treatment for the same and asked the patient to follow up after 2 weeks.

Just for the sake of curiosity, when we started searching for any other syndromic associations with these components, we found one rare syndrome named “Book's syndrome”. This syndrome has 3 components viz. Palmoplantar hyperhidrosis, premature canities & aplasia or hypodontia of first premolar tooth.

When patient came for the follow up after 2 weeks, we examined him for the presence of third component i.e. aplasia of first premolars. And guess what, we had a pleasant shock of surprise. He was having absent right upper premolar tooth since birth. We kept the records of the patient with his permission & started the treatment for the same. Currently he is on treatment since 4 months & he is showing excellent response to our treatment.



Fig. 1. Aplasia Of Premolar Tooth



Fig. 2. Palmoplantar Hyperhidrosis



Fig. 3. Canities (Greying of hair)

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