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A case of Systematized Verrucous Epidermal Nevus successfully treated with Low Dose Acitretin**Geetika Chhabra***Guru Gobind Singh Indraprastha University, India*

A 15-year-old boy visited us with complaints of asymptomatic dark linear and curved verrucous lesions over the left side of trunk and lower limb since birth. Review of systems was normal. Family history was non-contributory. On examination there were dark brown verrucous papules and plaques along Blaschko's lines distributed over the left side of trunk, arm and left lower leg. Skin biopsy from a representative showed epidermis with marked papillomatosis, hyperkeratosis, irregular acanthosis and intervening invaginations filled with hyperkeratotic material. Dermal collagen, telangiectatic vessels, inflammation and sebaceous glands were within the papillary projections. No epidermolytic hyperkeratotic changes were observed. A diagnosis of systematized verrucous epidermal nevus in the absence of epidermal nevus syndrome was rendered. Patient was commenced only on acitretin with no topical application in view of extensive lesions. A dose of 10 mg daily was started to which he tolerated well. His body weight was 55 kg. The lesions started to improve at the end of 3 weeks and by the end of 2 months had regressed significantly leaving behind some hyperpigmentation. Verrucous epidermal nevus (VEN) is a noninflammatory cutaneous hamartoma originating from embryonic ectoderm that presents at birth. Incidence is 1 to 3 per thousand live births. VEN, systematized in particular, can cause a cosmetic abrasion to the patient as in the present case warranting treatment. Acitretin has been used previously but in higher doses of 75 mg per day. Interestingly, our patient responded to low dose acitretin. Few cases have also been treated with etretinate with success.

Biography

Dr Geetika Chhabra have completed my residency programme MD Dermatology from Vardhman Mahavir Medical College and Safdarjung hospital, Guru Gobind Singh Indraprastha University, New Delhi in June 2021. I am presently working as a Senior Resident in the department of dermatology & STD at B.R Ambedkar Medical college, New Delhi. I have 13 publications in indexed international journals as lead author and 2 others have been accepted for publication in indexed journal. I have presented in various international and national conferences along with newsletter publications during and after my residency. I have special interests in fields of cosmetology, dermoscopy and pediatric dermatology with focus on research in clinical and dermoscopy features of periorbital melanosis have been carried. I am sure this conference will help me shape my career, facilitate and encourage my future endeavours.