DERMATOPATHOLOGY

BILATERAL MUCINOUS NEVUS:

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Background:Mucinous nevus is a rare disease belonging to the group of primary cutaneous mucinosis, with only 23 cases reported since 1993.We report the case of a sixteen year-old patient.

Observation:A 16 year-old boy consulted for two asymptomatic brownish plaques of 2 cheeks, evolving since the young age in the form of erythematous plaques.The color of lesions has undergone change over the last.The physical examination revealed two erythemato-pigmented plaques covered by skin-colored micro papules.A biopsy specimen taken from the plaques showed an acanthotic epidermis, the superficial and middle dermis was of loose myxoid appearance especially around the hair follicles.The latter appeared atrophic and devoid of sebaceous glands.Furthermore, there was a moderate, perivascular infiltrate with mononuclear and a fragmented aspect of the elastic fibers.The myxoid appearance was due to mucin deposition confirmed by alcian blue staining.Considering the clinical and pathologic findings together, a diagnosis of predominantly perifollicular mucinosis in a hamartomatous context was carried.

Key message:Mucinous nevus is a rare form of connective tissue nevus and was first reported by Redondo Bellón et al.in 1993.It is typically presented as grouped brownish papules and confluent plaques arranged in a unilateral, linear,zosteriform, grouped, or dermatomal distribution.It usually appears at birth or in early childhood, grows to form verrucous or nevoid feature and mainly occurs on the back.The primary histopathologic feature of mucinous nevi is a diffuse bandlike deposition of mucin in the papillary dermis with or without overlying hyperkeratosis,acanthosis,and elongation of rete ridges. Interestingly, histology of this case showed abnormalities of the hair follicles.Only one similar case has been reported.No malignant transformation has been described to date. Mucinous nevus does not require therapy, except for aesthetic purposes.To the best of our knowledge, this is the first case in which original localization (cheeks),bilateral character and abnormalities of the hair follicles were found.