



DERMOSCOPY AND SKIN IMAGING

MEYERSON NEVUS MIMICKING MALIGNANT MELANOMA

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Background: Meyerson nevus represents an uncommon clinical and histological variation of melanocytic lesions that is characterized by an eczematous halo surrounding a melanocytic nevus. We report the case of an atypical Meyerson nevus in which, despite intense pruritus, both an eczematous eruption and dermoscopic patterns imputable to a melanocytic lesion were lacking.

Observation: A 29-year-old man presented with a new pigmented lesion located on the lower right back. The patient reported severe local itch over the past few weeks. Patient medical history was unremarkable. Physical examination revealed a homogeneous oval brown papule, with 6 x 3 mm. Dermoscopy showed an unspecific pattern characterized by a diffuse brown structureless area and multifocal hypopigmented and scar-like spots with a few sparse brown dots. Due to the absence of a distinct pattern and based on the two-step procedure for dermoscopic evaluation, we decided to proceed to surgical excision. Histopathological examination showed an intradermal melanocytic nevus associated with subacute eczema.

Key message: The pathogenesis of Meyerson phenomenon is unknown, but it is usually seen in otherwise healthy young male adults. Besides its reports associated with melanocytic lesions, it can also appear around non-melanocytic lesions, such as molluscum contagiosum, dermatofibromas and basal cell and squamous cell carcinomas. Concerning treatment, topical corticotherapy and regular dermoscopic follow-up can be performed. Surgical excision should be considered in lesions refractory to treatment and when suspicious lesions are present.

Although Meyerson phenomenon is rarely reported in the literature, it is important to be aware of this diagnosis and to consider it in the differential diagnosis of pruritic melanocytic lesions. Furthermore, diagnostic challenges occur when typical characteristics are not present and lesions can mimic malignant tumors, such as melanoma. Our case reports an unusual presentation of Meyerson nevus, highlighting the importance of histological examination to warrant a prompt and correct diagnosis.

