

PIGMENTATION

ASSOCIATION OF VITILIGO AND MELANOMA : IS THERE A RELATION?

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Background: Vitiligo is an acquired achromia linked to an autoimmune destruction of melanocytes. One of its mysterious aspects is its occurrence with melanoma. We report a serie of 7 patients with vitiligo and melanoma.

Observation: Case 1: A 57-year-old male consulted for a pigmented lesion on the right heel. The histology revealed lentiginous melanoma with 13 mm Breslow. The extension work-up revealed lymph node metastases. Following interferon treatment, the patient developed achromia of the face. Case2: A 76-year-old patient presented an achromic macula and a pigmented nodule in the perianal area. The histology of the nodule found melanoma with a 2.5 mm Breslow. Case3: The histology of a 69-year-old patient with a 20 years history of black plantar macula and diffuse vitiligo revealed lentiginous melanoma. The extension assessment revealed lymph node and abdominopelvic metastases. Case4: A 70-year-old male was seen for two nodules that had been evolving for two months in the right breast and the back associated with dysuria. The patient had diffuse vitiligo. The biopsy of the nodule and prostate revealed metastatic melanoma. Case5: A 64-year-old female with 4 months history of vitiligo was seen for a plantar pigmented that turned out to be a melanoma. Case6: A 70-year-old patient was seen for a pigmented facial macule, preceded by generalized vitiligo, the biopsy revealed a Dubreuilh melanoma, 1 mm Breslow. Case7: a 34-year-old patient had for 3 years, an ulcerated nodule under left breast, preceded by a generalized vitiligo. Histology revealed a melanoma of 2.8 Breslow.

Key message: Our cases illustrate different situations where vitiligo is linked to melanoma. This association may be the result of an immune response against melanoma-associated antigens expressed by normal melanocytes. Given the similarities of these achromias with vitiligo, a thorough clinical search for melanoma in patients with vitiligo is highly recommended.