



INFLAMMATORY SKIN DISEASES (OTHER THAN ATOPIC DERMATITIS & PSORIASIS)

SOLITARY PLAQUE ON THE FACE

Ya Abi Ayad⁽¹⁾ - Am Serradj⁽²⁾ - Zo Elosmani⁽²⁾ - So Hamzaoui⁽²⁾

Hospital, Dermatology, Oran, Algeria⁽¹⁾ - Hospital, Dermatology, Oran, Algeria⁽²⁾

Background : Rosai-Dorfman's disease (RDF), is a benign histiocytic disorder, the form localized only to the skin is extremely rare. We report a case of cutaneous RDF disease of face.

Observation: 25-year-old woman consulted for infiltrated erythematous plaque of the face with reddish yellow papular lesions evolving since 1 year without other abnormalities on clinical, biological, immunological and radiological examination. An initial skin biopsy showed a granulomatous polymorphic inflammatory process. Various diagnoses were discussed: acne, sarcoidosis and tuberculosis. A review of the histological lesion revealed histiocytic infiltration with emperipolesis allowing to retain the diagnosis of the cutaneous Rosai Dorfman disease. The patient treated by steroid and methotrexate with slight improvement after 5 months.

Key message : Rosai-Dorfman's disease is a rare disease, more common in young adults with a slight male predominance. The purely cutaneous form without lymph node involvement is very rare and have different demographic characteristics, with a median on set age of 46.7 years and female predominance. Cutaneous lesions are non-specific: papules, nodules or infiltrated red-brown plaques and rarely Acneiform lesions, causing confusion with other diagnostics and delay diagnosis, which can range from several months to several years. The delayed diagnosis of 12months was noted in our case. Diagnosis orientation by clinicians allows to search evocative histological signs represented by an important histiocytic infiltration and images of emperipolèse. Therapeutic management is still not codified, numerous treatment have been attempted however with often poor response. In our case, we chose the corticosteroid methotrexate combination because of the aesthetic damage. Our case illustrates the diagnostic difficulties encountered in this pathology and difficulties of therapeutic management. Our case illustrates the diagnostic difficulties encountered in this pathology and difficulties of therapeutic management.

Keywords: emperipolesis, histiocytic, rosai dorfman

Conflict of interest: none

