



INFECTIOUS DISEASES (BACTERIAL, FUNGAL, VIRAL, PARASITIC, INFESTATIONS)

NODULAR SCABIES: A PARTICULAR CASE REPORT IN 3-YEARS OLD CHILD.

M Ben Rejeb⁽¹⁾ - F Frikha⁽¹⁾ - E Bahloul⁽¹⁾ - F Hammami⁽¹⁾ - M Mseddi⁽¹⁾ - M Amouri⁽¹⁾ - H Turki⁽¹⁾

Department Of Dermatology, Hedi Chaker Hospital, Sfax, Tunisia⁽¹⁾

Background: Scabies is highly prevalent in young children. However, clinical presentation such nodular scabies are a less common manifestation which can make diagnosis difficult. Here, we report a case of nodular scabies occurring in a 3-year-old child.

Observation: This is the case of a 3-year -old circumscribed boy who presented to the hospital with a one- month -history of painless and slightly pruritic nodular lesions on the penis and scrotum. Examination showed four erythematous and infiltrated nodules measuring 0.5 to 1.4 cm in the glans and the left side of the scrotum area. All nodular lesions were excoriated. There were neither burrows nor vesicles on the web spaces between his fingers or elsewhere on his body. His mother was complaining of itching during the last month mainly at night. She had excoriated papular lesions distributed on the limbs and the abdomen. Based on these clinical findings, the diagnosis of nodular scabies in this child was thus made. All family had been adequately treated for scabies with topical Benzyl benzoate and the child was also treated with topical corticosteroid over the nodular lesions. Complete disappearance of the lesions was noticed after 8 weeks leaving slight pigmentation. After one year of follow-up, no recurrence was noted.

Key message: Nodular scabies are a specific clinical variant of scabies, characterized by pruritic erythematous nodule that often persists long after adequate treatment. Genital skin and scrotal skin are the commonest sites for such lesions. As in our case, the diagnosis is based on clinical-anamnestic features. The treatment for nodular scabies can be a challenge. These lesions are usually treated with topical steroids or with intra-lesional steroids but the response is less than satisfactory and relapses are frequent. Recently some authors suggested that topical tacrolimus can be a useful option to treat successfully nodular scabies.

