



SKIN MANIFESTATIONS OF INTERNAL DISEASE

SARCOIDOSIS IN AN ADULT FILIPINO WOMAN: A CASE REPORT

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Background: Sarcoidosis is a systemic disease with cutaneous involvement in 25% of patients. The disease is rare in Asians. Clinical presentation varies from smooth-surfaced violaceous nodule to brown-purple indurated papules or plaques located on nose, cheeks or earlobes. Although rare in Asians, the possibility of Sarcoidosis should always be considered and cannot be totally ruled out. Prognosis is better in females but more severe in Asians.

Observation: This is a case of a 54 year old Filipino woman who consulted for six month history of solitary indurated erythematous plaque on left nasolabial fold. Patient denies previous trauma nor previous tattoo injection to the lesion. Dermoscopy showed translucent yellow-orange globules, scar-like depigmentation and multiple arborizing blood vessels. Histopathologic examination revealed follicular plugging, mild acanthosis of the epidermis, mild spongiosis and exocytosis of lymphocytes. The dermis reveals telangiectasia and moderately dense perivascular and periadnexal inflammatory infiltrate of histiocytes, lymphocytes and multinucleated giant cells of the foreign body type. The granuloma extends to the deep dermis. Special stains such as modified acid fast, gomori methenamine silver and periodic acid Schiff were all negative. Radiologic examination revealed normal results. Consideration is Granulomatous dermatitis to consider Sarcoidosis. Patient was started on Tacrolimus 0.03% ointment twice a day with improvement of lesions. She is currently maintained on twice a week with control of lesions. Dermoscopy of resolved lesions showed decrease in the number of multiple arborizing blood vessels.

Key Message: Sarcoidosis is a diagnosis of exclusion and should be distinguished from deep fungal and mycobacterial infections. Dermoscopy examination is an essential tool in the diagnosis of chronic erythematous indurated plaques on the cheeks and nose. To our knowledge, this is the first case of cutaneous sarcoidosis to be reported.

