



INFLAMMATORY SKIN DISEASES (OTHER THAN ATOPIC DERMATITIS & PSORIASIS)

A RARE CASE OF SWEET'S SYNDROME

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Background: Sweet's syndrome (SS) or acute febrile neutrophilic dermatosis is characterized by fever, multiple pain erythematous skin plaques, peripheral neutrophilic leucocytosis and a dense infiltration of the dermis by mature neutrophils. Based on clinical appearance it can resemble with mycosis fungoides or leukemia cutis. In 50% of cases there are underlying diseases, infections, malignancies and autoimmune. This disorder typically involve multiple organ system in SS is quite rare. The prevalence of SS is uncommon and this is the first case of SS in Dermato Venereology Department of Dr. M.Djamil Hospital Padang.

Observation: A case of 49 years old male with SS was reported. He complained thick purple red patches that felt pain and slight itchy on face, back, chest and both of arms accompanied by persistent fever, pain in both knee joints, fatigue, headache and muscle aches. Patient was known to have Pulmonary TB since 4 months ago. On dermatological state there were purple red plaques, white scales and hyperpigmentation macules. Laboratory result showed leucocytosis, neutrophilia, and elevated erythrocyte sedimentation rate. Chest x-ray showed bilateral infiltrate with pulmonary TB. Histopathology review there were dense of neutrophilic infiltrate in dermis. It shows excellent response to topical corticosteroids.

Key Message: SS required both major criteria and two of four minor criteria to establish the diagnosis. In this case, patient has fulfill two of the major criteria; painful erythematous plaques and histopathology evidence of dense neutrophilic infiltrate in dermis. The minor criterias in this patient are pyrexia, erythrocyte sedimentation rate >20 mm/hour, leucocyte >8000, neutrophils >70%. We treated the patient with topical corticosteroid and it showed improvement.

Key words: sweet syndrome, rare case

