

**Table SIII. Clinical features, histopathology and laboratory data of non-neutrophilic dermatoses in patients with adult-onset immunodeficiency due to anti-IFN  $\gamma$  autoantibodies**

Skin conditions	No. of episodes	Clinical features	Histopathology
Leukocytoclastic vasculitis	1	Multiple hemorrhagic tense bullae on erythematous base with pustules at periphery on both hands	Fibrinoid necrosis of blood vessel walls and extravasated red blood cells with neutrophils and nuclear dusts
Erythema nodosum	6	Subcutaneous nodules on the shins and posterior legs	Septal panniculitis with inflammatory cells infiltration predominantly composed of neutrophils
Diffuse plane xanthoma	1	Multiple, soft, well-defined yellow-orange plaques on medial upper and lower eyelids, anterior neck and upper chest with telangiectasia	Dense aggregates of foamy histiocytes in upper dermis. AFB and mAFB: negative
		Note: Serum protein electrophoresis: Albumin 2.10 g/dl (3.5–5.0), Alpha-1 0.34 g/dl (0.1–0.3), Alpha-2 1.00 g/dl (0.6–1.0), Beta-1 0.58 g/dl (0.7–1.0), Beta-2 0.74 g/dl (0.3–0.6), Gamma 4.03 g/dl (0.7–1.6), Total protein 8.80 g/dl (6.4–8.3) Immunofixation: Polyclonal gammopathy Free Kappa light chain 256 mg/l (3.30–19.4), Free Lambda light chain 64.60 mg/l (5.71–26.30) K/L ratio 3.963 (0.26–1.65)	
Papulovesicular eruption	1	Generalized papulovesicles on trunk and extremities	Superficial perivascular infiltration with eosinophils
Pancreatic panniculitis	1	Multiple erythematous subcutaneous nodules on abdomen, back and all extremities	Necrotic fat cells (ghost adipocytes) with neutrophilic infiltrate and calcification in subcutaneous fat tissue AFB, mAFB, GMS, PAS: negative
Suppurative granulomatous dermatitis	3	Ulcerated nodules on the buttocks	Epidermal hyperplasia with collection of neutrophils, lymphocytes, histiocytes and multinucleated giant cells AFB, mAFB, GMS, PAS: negative cultures: neg
		Hyperpigmented fluctuated mass on left arm	Large aggregation of neutrophils and lymphocytes, histiocytes and multinucleated giant cells AFB, mAFB, GMS PAS: negative
		Multiple infiltrative erythematous papules and nodules on the face and trunk	Diffuse suppurative granulomatous infiltration composed of plasma cells, histiocytes, eosinophils neutrophils lymphocytes and giant cell AFB and PAS: negative
Lichen amyloidosis	1	Hyperpigmented keratotic papules in ripple pattern on arms, legs and back	Not done
Seborrheic dermatitis	1	Hypopigmented patches with scales on scalp and nasolabial folds	Not done
Other: non-specific dermatosis, clinical suspicious of having cutaneous vasculitis	1	Erythematous papules on the face and trunk	Non-specific chronic inflammation, no evidence of vasculitis

AFB: Acid-Fast Bacillus staining; mAFB: Modified-acid fast staining; GMS: Gomori Methenamine-Silver Nitrate Stain; PAS: Periodic acid-Schiff stain.