

Case 17

A 29 years - old man from Pathumtanee

Chief complaint:

Multiple discrete pruritic erythematous pustules and plaques on face for 2 months

Present illness:

2 months ago, he developed asymptomatic erythematous papules at the right upper cheek. One month later, he developed pruritic erythematous pustules over his whole right cheek. He has been treated with oral and topical ketoconazole for 2 weeks without improvement.

Past history:

He did not have underlying disease.

Family history:

No one in his family had the same skin lesion.

Physical examination:

Normal appearance, not pale , no jaundice

No lymphadenopathy, no hepatosplenomegaly

Skin: Multiple discrete pruritic erythematous pustules and plaques on right cheek

Histopathology: (S03-17128)

Dense superficial and deep perivascular and interstitial mixed inflammatory cells infiltrate of mostly eosinophils around and within hair follicle.

Investigation:

CBC: Hb 14.1% , Hct 43.1%, WBC 6.33×10^3 klls/ml (N46%, L31% , Eo14% , M7%)

G6PD: normal

Anti-HIV: negative



Fig 17.1

Diagnosis: Eosinophilic

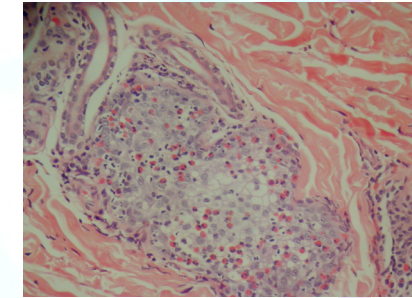


Fig 17.2

Pustular Folliculitis (Ofuji's

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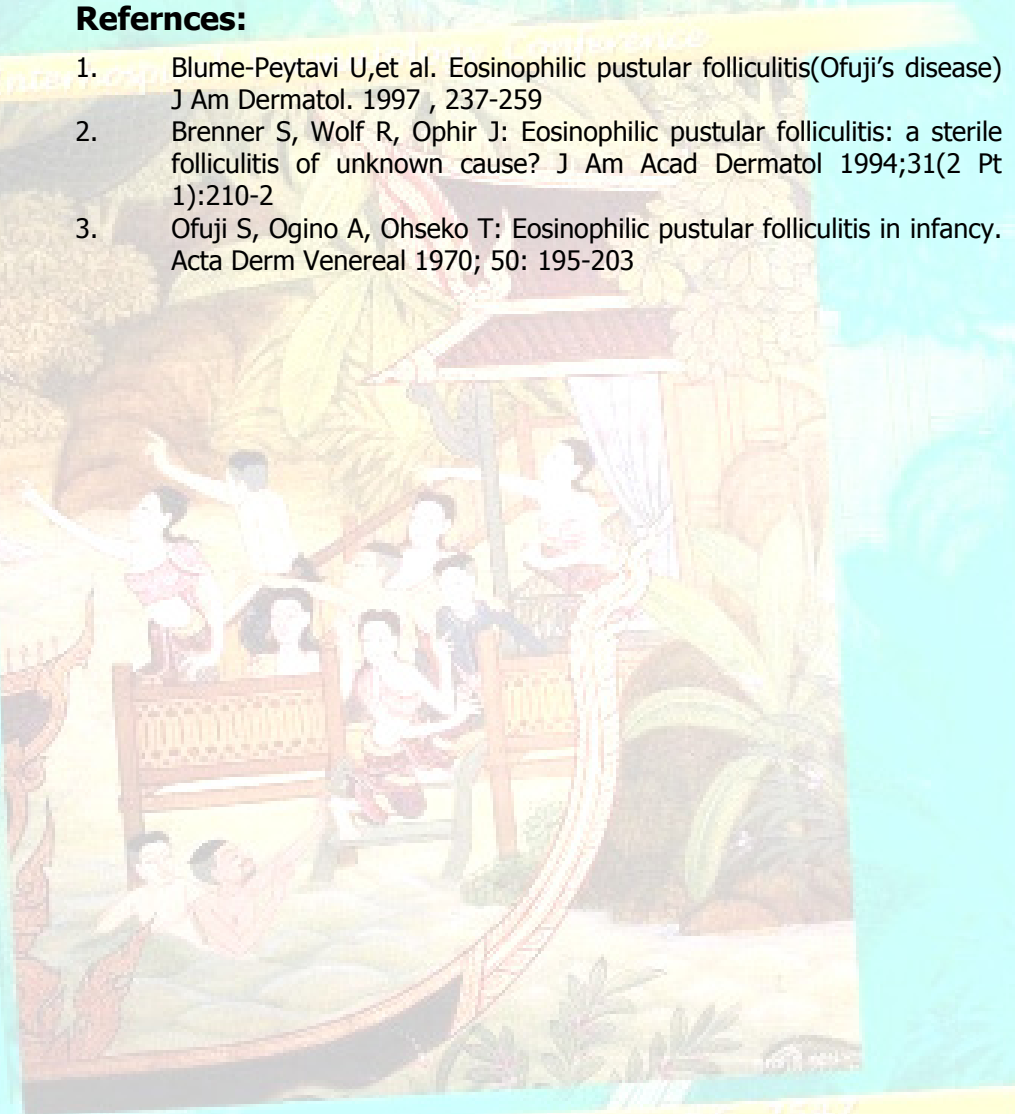
Comment:

Eosinophilic pustular folliculitis was first described in 1970 by Ofuji. It occurs more commonly in males than females. Disease onset usually occurs in the third-to-fifth decades of life. It typically appears as an area of erythematous papules and pustules and involves the face in 85% of patients. Other locations include the back and the extensor surface of the upper extremities. The papules gradually become confluent, creating indurate polycyclic plaques with a healing center and spreading peripherally. They ultimately fade away, leaving residual hyperpigmentation and scaling.

Dapsone or systemic steroids are the treatment of choice. Others have described success with indomethacin, intralesional steroids, minocycline, isotretinoin, clofazimine, UVB therapy, cyclosporines, colchicines.

References:

1. Blume-Peytavi U, et al. Eosinophilic pustular folliculitis (Ofuji's disease) J Am Dermatol. 1997; 237-259
2. Brenner S, Wolf R, Ophir J: Eosinophilic pustular folliculitis: a sterile folliculitis of unknown cause? J Am Acad Dermatol 1994;31(2 Pt 1):210-2
3. Ofuji S, Ogino A, Ohseko T: Eosinophilic pustular folliculitis in infancy. Acta Derm Venereol 1970; 50: 195-203



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