Pathological Quiz

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MJAFI 2009; 65 : 267

Case

A thirty-four year-old woman presented with complaints of burning sensation in both right and left buccal mucosa since last six months. The left buccal mucosa showed white striations with ill defined margins (Fig.1). The lesion was soft in consistency with irregular surface. Regional lymphadenopathy was absent. She showed no lesions on the skin. The patient had history

of diabetes mellitus and hypertension. Biopsy was performed and histopathology (Fig. 2) revealed parakeratinised stratified squamous epithelium with areas of basal cell degeneration (Fig. 3, 4). Subepithelial connective tissue showed dense band of chronic inflammatory cells chiefly lymphocytes (Fig. 3). Connective tissue is moderately fibrovascular.

What is your diagnosis?

Fig. 1: Clinical photograph

Fig. 2 : Histopathology of the lesion (10x) Hematoxylin & Eosin stain

Fig. 3 : Photomicrograph showing basal cell degeneration with band like lymphocytic infiltrate (40x) Hematoxylin & Eosin stain

Fig. 4 : Photomicrograph showing basal cell degeneration (40x) Hematoxylin & Eosin stain

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