The histology at 6 weeks was not diagnostic of pyoderma chancriformis; this biopsy was, however, performed on a healing lesion. From the second biopsy a diagnosis of lymphomatoid papulosis was made (Figs 3 and 4). High dose tetracycline, 1 g twice daily, seemed initially to reduce the number of recurrences and allow recurrent lesions to resolve more quickly. After 4 months, tetracycline lost any apparent effectiveness and low dose methotrexate, 2.5 mg weekly was introduced, with some benefit.

**COMMENT**

The ulcer of pyoderma chancriformis is unusually shallow and solitary, non-tender, and resolves over 5–6 weeks to leave a small white scar. In Pearson’s series of 21 cases the eyelids were involved. Positive cultures for *Staphylococcus aureus* are usually obtained. All other investigations, including syphilis serology, are negative.

Lymphomatoid papulosis was first described by Macaulay as a chronic, recurrent, self-healing, papulonodular or papulonodular eruption, "histologically malignant but clinically benign." The lesions regress spontaneously over several weeks, but recur every few months. Investigations are essentially normal.

Ten per cent of patients with lymphomatoid papulosis may develop a cutaneous or systemic lymphoma, including mycosis fungoides, Hodgkin’s disease, lymphocytic lymphoma, large cell lymphoma, and lethal midline granuloma. There are no predictive markers for this progression. The presence of atypical cells against a setting of follicular mucinosis has until now been routinely associated with a cutaneous T cell lymphoma. So far the patient has exhibited self healing necrotic lesions only. Whether the presence of follicular mucinosis in this situation will turn out to be a poor prognostic sign remains to be seen.

The treatment of these patients is unsatisfactory. Steroids and antibiotics are ineffective. Complete, but often transient, remissions have been achieved with electron beam therapy, combination chemotherapy, PUVA, and methotrexate. Long term follow up is mandatory.

Although four cases of follicular lymphomatoid papulosis have been reported, to our knowledge this is the first report of follicular mucinosis in lymphomatoid papulosis and the first report of bilateral symmetrical eyelid involvement as the presenting feature of this condition.

**Figure 3** The biopsy shows the edge of a necrotic lesion with a moderately dense superficial and deep mononuclear infiltrate present interstitially and within pilosebaceous structures. (Haematoxylin and eosin, magnification ×10.) Although present perivascularly the infiltrate is particularly targeted on pilosebaceous structures with involved follicles showing partial or complete destruction. Many of the cells invading the follicles are large, atypical, and contain hyperchromatic nuclei. Several of the partially disrupted follicles contain cystic spaces which stain positive for mucin.

*Staphylococcus aureus* was isolated from the preauricular lesion only. Mycobacterial and viral cultures, and syphilis serology were negative. A full blood count was normal, and random blood glucose was 3.6 mmol/l.

A diagnosis of pyoderma chancriformis was made, and fluocixacillin continued for a further 2 weeks.

The lesions healed in 4 weeks, leaving flat, mildly atrophic scars. Six weeks after the initial presentation, four further papulonecrotic lesions appeared; in the left preauricular region, on the right side of the neck, and on both medial canthi. These were biopsied. At 4, 9, and 11 months after presentation, there were recurrences of self healing multiple necrotic papules. A further biopsy was performed at 4 months.

**Figure 4** A higher power view of one area of Figure 3 showing atypical mononuclear cells infiltrating both pilosebaceous appendages and mucinoid change present in the right hand appendage. Typically in lymphomatoid papulosis the histology suggests a malignant lymphoma; a dense lymphocytic dermal infiltrate, featuring frequent abnormal mitoses. Binucleate cells resembling Reed-Sternberg cells are found in type A, while type B lesions are characterised by smaller atypical mononucleate resembling those seen in mycosis fungoides, with fewer granulocytes. This case demonstrates the follicular variant of type B lymphomatoid papulosis.

**Human papilloma virus DNA detected in case of inverted squamous papilloma of the lacrimal sac**

**EDITOR.—We present the first known report in which an inverted squamous papilloma of the lacrimal sac was associated with human papilloma virus (HPV). While squamous papillomas of the nasal cavity and paranasal sinuses are not uncommon, an inverted squamous papilloma that originates in the epithelium of the lacrimal sac is rare. Inverted papillomas of the lacrimal sac often reveal areas of invasive acanthosis of surface epithelium into the underlying stroma and show foci of carcinoma or foci that develop into carcinoma. We present a young patient with inverted squamous papilloma of the lacrimal sac in whom we identified HPV antigen and DNA within the dysplastic lesion.**

**CASE REPORT**

A 26-year-old Japanese woman who had noticed 15 months earlier a painless swelling of the left lower eyelid that gradually increased in size was admitted to our clinic. She presented with a mediocanthal mass associated with epiphora and discharge. Magnetic resonance imaging (MRI) revealed a lobular tumour that totally filled the lumen of the left lacrimal sac (Fig 1). On 9 July 1993, the tumour was resected under general anaesthesia. The solid tumour found within the lacrimal sac appeared to be continuous with the nasal cavity, preventing its total removal from the bony tract of the naso-lacrimal duct. Postoperative MRI examination 2 months later showed no residual tumour within the naso-lacrimal duct. macroscopically, the tumour showed a lobular pattern and was surrounded totally by the...
Multiple molluscum contagiosum lesions of the limbus in a patient with HIV infection

EDITOR,—In HIV infection, molluscum contagiosum of the eyelids is quite common, but limbal molluscum contagiosum is rare. We report a documented case of multiple bilateral molluscum contagiosum of the limbus in an HIV seropositive patient.

CASE REPORT
A 40-year-old African (Zaire) man presented with bilateral ocular foreign body sensation which had developed 1 month earlier, without evidence of trauma or loss of vision. The patient had been tested seropositive to HIV 4 years earlier and had not developed any AIDS defining illness so far. He had been treated by repeated curettage and cryotherapy for over a year for disseminated molluscum contagiosum lesions of the skin, localised mainly on the face, the trunk, and the genitalia. CD4 T lymphocyte count at the time of ophthalmic evaluation was 70×10^3/litre. Visual acuity was 20/20 in both eyes without correction. Slit-lamp examination revealed multiple, confluent, molluscum contagiosum lesions on the skin of the four eyelids. On the limbus of the left eye, two white multilobular lesions, 4 and 1 mm in diameter, respectively, were noted at 6 o’clock and 10 o’clock respectively (Fig 1). Another similar lesion, 2 mm in diameter, was present on the limbus in the right eye, at 3, 4, and 6 o’clock. The lobules of these lesions, encroaching on to the cornea, were dome-shaped with a slight central umbilication. There was a mild perilimbal conjunctival injection around each limbal lesion. Anterior chamber, vitreous, and fundus examinations were normal in both eyes. An excisional biopsy of the largest lesion in the left eye was performed. Histopathological examination was consistent with the diagnosis of molluscum contagiosum (Fig 2). It showed a hyperacanthosis and hyperkeratosis of the epithelium, an oedema of the underlying intercellular space, and numerous swollen cells containing cosinophilic intracytoplasmic inclusions (‘molluscum bodies’). Three months after the biopsy, the excised lesion had not grown back, while the other limbal lesions of both eyes remained unchanged despite no treatment. In both eyes, no new conjunctival, limbal, or corneal lesions were seen and the foreign body sensation was stable.

Received for publication 16 November 1994


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Accepted for publication 16 November 1994

Letters