

## UNUSUAL PRESENTATION OF POROKERATOSIS

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A case of porokeratosis with a single lesion on the muco-cutaneous junction of the upper and lower lip and having irritation on exposure to sunlight is reported.

**Key words :** Porokeratosis, Genodermatosis.

Porokeratosis is a rare, chronic, progressive, kerato-atrophoderma,<sup>1</sup> inherited as a dominant character.<sup>2,3</sup> The initial lesion is a crateriform horny papule which gradually extends to form a plaque.<sup>4</sup> Peripheral zone of the plaque is raised and horny and is surmounted by a characteristic furrow. The lesions are usually multiple but rarely single and these may be located almost anywhere. The mucosae have been affected only rarely.<sup>3,5</sup> Most of the times, the lesions are asymptomatic, though itching or irritation are occasionally present.<sup>1,6</sup> We are reporting a case who had two unusual features; a muco-cutaneous localisation and irritation on exposure to sunlight.

**Case Report**

A 60-year-old female complained of a slowly growing lesion over the upper-lip for the last four years. Initially, she developed a brownish papule which gradually extended and became flattened in the centre. Later, the margins became more prominent, raised and hyperpigmented. To begin with, the lesion was symptomless but later she noticed irritation on exposure to sunlight.

The lesion had a characteristic raised border surmounted with furrows at places. The central portion of the area showed atrophy and slight hyperpigmentation (Fig. 1). No other part of body was involved. Histopathological picture was consistent with porokeratosis of Mibelli.



**Fig. 1.** The lesion of porokeratosis on the lip.

**Comments**

Porokeratosis is a rare disorder and only a few case reports are there from our country. Involvement of the mucous membranes is even rarer. The case under report, had a single lesion over the muco-cutaneous junction and was associated with irritation after exposure to sunlight. These are unusual features of porokeratosis of Mibelli.

**References**

1. Cort DF, Hamid A and Aziz A : Epithelioma arising in porokeratosis of Mibelli, *Brit J Plast Surg*, 1972; 25 : 318-328.
2. Lal S, Velou A and Shunmgam D : Porokeratosis Mibelli, *Ind J Dermatol Venereol and Leprol*, 1967; 33 : 287-289.
3. Mikhail GR and Wertheimer FW : Clinical variant of porokeratosis (Mibelli), *Arch Dermatol*, 1968; 98 : 124-131.
4. Goldner R : Zosteriform porokeratosis of Mibelli, *Arch Dermatol*, 1971; 104 : 425-426.
5. Singh OP and Kanwar AJ : Porokeratosis of Mibelli (a case report), *Ind J Dermatol Venereol Leprol*, 1975; 41 : 30-31.
6. Saunders TS : Porokeratosis a disease of epidermal sweat duct units, *Arch Dermatol*, 1961; 84 : 980-988.

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