Olmsted syndrome

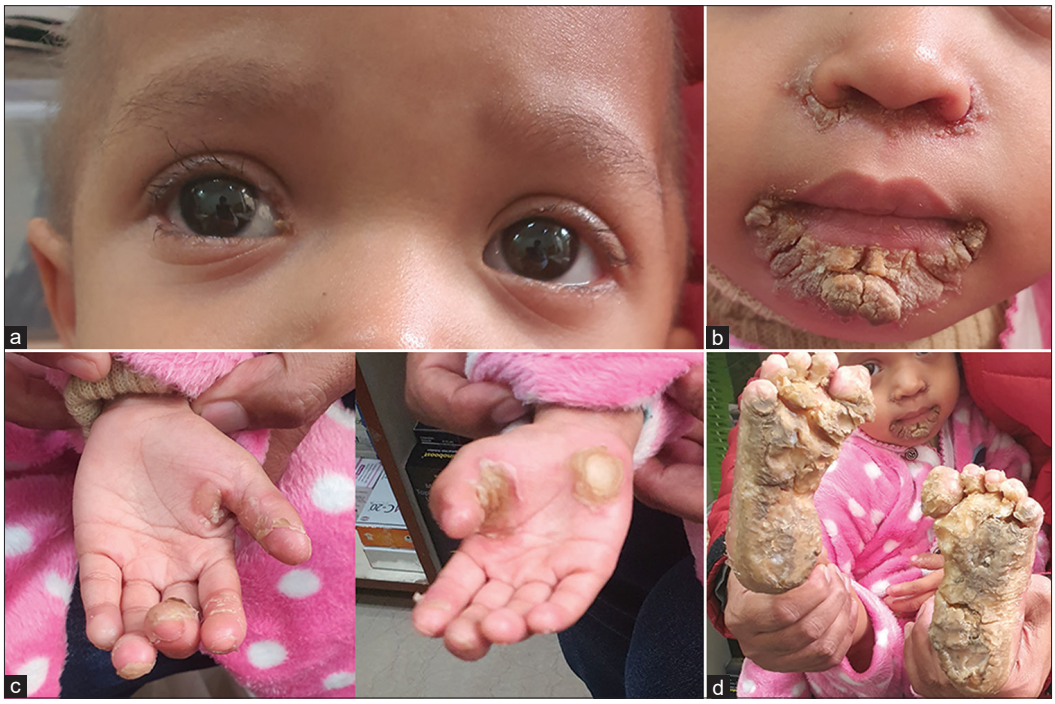

Figure 1: Hyperkeratotic lesions (a) on eyelid margins, (b) periorally and nasally, (c) on palms, and (d) on soles

Olmsted syndrome[1-3] is a rare form of palmoplantar keratoderma characterized by mutilating transgradient keratoderma and periorificial hyperkeratotic plaques. Most cases are sporadic, with defective expression of keratin 1 and keratin 10 in the involved epidermis. The keratoderma is well defined, erythematous, and associated with fissuring and flexion deformity of the digits, which may lead to spontaneous amputation. The condition is slowly progressive with risk of malignancy. Ocular manifestations include hyperkeratosis of lid margins, corneal dystrophy and opacity, and lacrimal gland involve ment. We report this rare disorder in an 18-month-old girl who had skin and eyelid involvement [Fig. 1]. She was advised oral isotretinoin and topical keratolytic agents.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

Aakash A Bhayana, Priyanka Prasad[1], Amber A Bhayana[1]

Department of Dermatology, Banaras Hindu University, Uttar Pradesh, [1]Dr. Rajendra Prasad Centre for Ophthalmic Sciences, AIIMS, New Delhi, India

Correspondence to: Dr. Amber A Bhayana, Dr. R P Centre, AIIMS, New Delhi - 110 029, India.
E-mail: amber.amar.bhayana@gmail.com

References

1. Duchatelet S, Hovnanian A. Olmsted syndrome: Clinical, molecular and therapeutic aspects. Orphanet J Rare Dis 2015;10:33.
2. Frias-Iniesta J, Sanchez-Pedreño P, Martinez-Escribano JA, Jimenez-Martinez A. Olmsted syndrome: Report of a new case. Br J Dermatol 1997;136:935-8.
3. Tao J, Huang CZ, Yu NW, Wu Y, Liu YQ, Li Y, *et al*. Olmsted syndrome: A case report and review of literature. Int J Dermatol 2008;47:432-7.

Access this article online	
Quick Response Code:	Website: www.ijoreports.in
	DOI: 10.4103/ijo.IJO_132_22

Cite this article as: Bhayana AA, Prasad P, Bhayana AA. Olmsted syndrome. Indian J Ophthalmol 2022;70:2765.