Ocular involvement in lamellar Ichthyosis

Figure 1: (a) Edematous eyelid, lateral madarosis, erythema and corneal oedema due to incomplete lid closure. (b) Extensive scaling and hyperkeratosis involving the whole body, coarse, and sparse scalp hair and right genu vulgus

A 25-year-old male with lamellar ichthyosis presented with decreased vision in the left eye for 1 month. There was extensive scaling and hyperkeratosis involving the whole body, coarse and sparse scalp hair and right genu valgus [Figure 1a]. Tightening of facial skin resulting in cicatricial ectropion, thick edematous eyelid, lateral madarosis, erythema and distortion of conjunctival architecture, clouding and edema of the cornea due to incomplete lid closure were evident on examination of the eye [Figure 1b]. Despite aggressive therapy with emollients, ocular lubricants and systemic isotretinoin, the patient developed total corneal opacity with vascularization. Early diagnosis and intervention for ocular complications may prevent visual loss in these patients.

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