

IMPROPER USE OF SOFT CONTACT LENS MAY BE THE CAUSE OF FUNGAL CORNEAL ULCER : CASE STUDY

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ABSTRACT

Keywords : keratitis, wet-mount, tissue scrapings.

Introduction : A corneal fungal ulcer, also known as fungal keratitis or mycotic keratitis, is an open sore in the cornea caused by fungal infection. It can be a leading cause of vision loss, especially in developing countries.

Method of Study : OPD patients. Sample volume =30, duration of study : 06 months, place of study : HVL, Kolkata.

Diagnosis : Staining of tissue scraping with Gram-stain, 10% potassium hydroxide (KOH) wet mount. Confirmation of fungi by Sabouraud dextrose agar culture medium.

Conclusions: As primary eye care practitioners, many Optometrists are prescribing/dispensing yearly soft contact lenses every day, in their personal clinics which may be the leading cause of fungal keratitis.
