

Management of Alkali Eye Injury

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Chemical eye injury is a common ophthalmic emergency which needs immediate aggressive management to maximize visual outcome. The outcome ranges from full recovery to permanent vision loss. Treatment includes medical and surgical interventions.

We present a case of an adult male who sustained a grade II alkali burn in his right eye after an accidental exposure to chemical powder while working. The patient was managed with preservative-free artificial tear drops, erythromycin eye ointment, moxifloxacin eye drops, Tobradex eye drops (tobramycin + dexamethasone 0.1%) and cyclopentolate eye drops. He recovered his vision fully and his cornea fully epithelized.