Indian Journal of Basic and Applied Medical Research; March 2016: Vol.-5, Issue- 2, P. 625-627

**Case Report**

**Neurotrophic Corneal Ulcer Complicating: A Case of Posterior Fossa Bleed  
Sneha Batra, Saumya**

Rajendra Institute of Medical Sciences  
corresponding author: Sneha Batra

**Abstract:**

Purpose: To report a rare case of neurotrophic corneal ulcer in a 14 year old girl with a history of posterior fossa bleed.

Methods: On examination, patient had a corneal ulcer in the Right eye (visual acuity – counting fingers at 2 feet), diminished corneal sensation, end-gaze nystagmus in all directions of gaze, cerebellar ataxic gait, and residual hemiparesis on the right side of her body. MRI showed haemorrhage in the posterior fossa. Treatment was started on the lines of neurotrophic corneal ulcer. Results: Ulcer healed completely by the 8th day, and visual acuity improved to 6/24. Corneal sensation remained impaired for 3 months.

Conclusion: Neurotrophic keratitis warrants a full neurological evaluation to locate the exact cause of Vth Nerve dysfunction which could be a result of a life endangering event.

Keywords: neurotrophic keratitis; corneal ulcer; cerebellar stroke; posterior fossa.