

Editorial

A non resolving corneal ulcer is any ophthalmologist's nightmare. Most of the fortified anti microbials being epitheliotoxic¹ and with increasing incidence of drug resistant micro organisms², even surgical interventions are often required in situations like impending perforation. In this issue we publish one review article on how to approach such a case.

Not much is discussed about ocular affections in static encephalopathy including *cerebral palsy*. The prevalence of this disorder among preterm infants is higher than term babies³. In the context of recent advances in neonatal care with improved survival of pre term babies, it has become even more important to know about diseases more commonly associated with pre term birth. We publish one article explaining ocular manifestations in static encephalopathy.

Automated segmentation for retina layer delineation on optical coherence tomography, although a complex procedure, is finding increasing applications in Ophthalmology⁴. We publish one new approach that has explored the possibility of modelling multiple layer edges by a single model, thus reducing complexity of this process.

In this issue we publish one interesting article on how to improve efficacy of an eye care center by using a novel management technique. We also publish an article comparing surgical procedures in primary congenital glaucoma and one on application of tacrolimus in vernal keratoconjunctivitis.

In our regular section on research methodology, researchers will find useful input on possible sources of error in their research.

References:

1. Gokhale NS. Medical management approach to infectious keratitis. Indian J Ophthalmol 2008; 56: 215-20.
2. Bertino J S. Impact of antibiotic resistance in the management of ocular infections: the role of current and future antibiotics. Clin Ophthalmol 2009; 3: 507-21.
3. Vincer MJ, Allen AC, Joseph KS, Stinson DA, Scott H, Wood E. Increasing prevalence of cerebral palsy among very preterm infants: a population-based study. Pediatrics 2006; 118:1621-6.
4. Kafieh R, Rabbani H, Abramoff MD, Sonka M. Intra-retinal layer segmentation of 3D optical coherence tomography using coarse grained diffusion map. Medical image analysis 2013; 17: 907-28.

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