

A newborn child with Peters anomaly and Hydrocephalus

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Abstract:

A one month old female child presented with complaints of watering and discharge from her right eye. On examination her right eye had sticky eyelashes due to the presence of discharge, conjunctival hyperemia and corneal abscess with descemetocele and perforation. B-Scan ultrasonography of her right eye showed microphthalmos, hyperechoic membranous shadow in posterior vitreous and chorioretinal thickening. On examination of her left eye she had microcornea and corneal opacity with central irido-corneal and lenticulo-corneal adhesions (Peters anomaly). She had a hypoplastic iris and an intraocular pressure of 22mm of mercury. B-Scan ultrasonography of her left eye showed microphthalmos and Persistent hyperplastic primary vitreous. On systemic examination she was having hydrocephalus. She was admitted as emergency and underwent conjunctival flap and tarsorrhaphy of her right eye. She is also being managed & followed-up for hydrocephalus by neurosurgeons. *Al-Shifa Journal of Ophthalmology* 2016; 12(1): 53-57© Al-Shifa Trust Eye Hospital, Rawalpindi, Pakistan.
