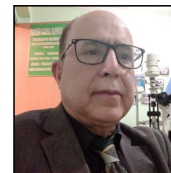


Rare case of bilateral congenital corneal dystrophy with rare associated congenital left eye ant staphyloma

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Abstract

Introduction: Congenital corneal dystrophy is a kind of very rare corneal disorder whose exact cause is not known. However it is thought to be due to deposition of some unknown material. May be amyloid in the corneal stroma with strong hereditary tendency easily differentiated from corneal degeneration which is unilateral and of non-hereditary existence. Other way defining congenital corneal dystrophy is lesions in the cornea of an unknown aetiology which may manifest either 1st or 2nd decade of life may remain stationary or progressive throughout the life has got strong hereditary tendency. Any bilateral central symmetrical corneal opacity with absence of deep vascularisation and impaired corneal sensation is congenital corneal dystrophy unless proved otherwise.

Case Report: A first cousin married couple in the first pregnancy during first trimester pregnancy ultrasound revealed an abnormal male foetus showing spina bifida and microcephaly the pregnancy was terminated.

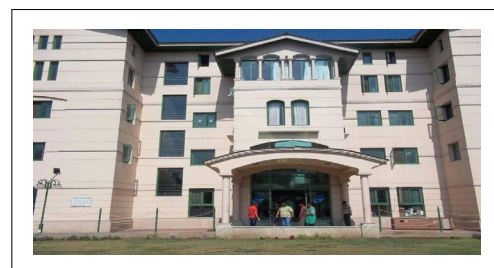
2nd pregnancy: Full term female baby delivered after LSCS no history of exposure to oxygen or jaundice. Breast fed normal milestones no other congenital anomalies the baby girl is normal alive healthy and 13 years of age studying in the 7th class.

3rd pregnancy: Full term male delivered after LSCS died after 3 days due to Ichthyosis.

4th pregnancy: Full term female delivered after LSCS has bilateral congenital corneal dystrophy with left eye ant staphyloma. After 24 hours birth of child IOP with to open Vs was normal B scan ultrasound shows attached retina. At the age of 3 months R eye Keratoplasty was done at the 3 years of left eye which had ant staphyloma cosmetic keratoplasty was done. Child is now about 6 years old she is very bright and intelligent 2nd is able to see well with her R-eye.

Biography:

Gowhar Ahmad is a Director in the Department of Ophthalmology, Florence Hospital, Multispecialty Centre, Kashmir, India. He pursued his MBBS from University of J and K and Master of Surgery in Ophthalmology, SN Medical College, University of Agra. He obtains a fellowship in Paediatric Ophthalmology from Morefield's Eye Hospital, London and fellowship in Oculoplasty and Neurophthalmology from King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia. He had more than 40 years of experience in the field of Ophthalmology and served as guest National and International speaker.



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