



Rare and Interesting Case of Bilateral Cong Corneal Dystrophy with Rare Associated Cong Left Eye Ant Staphyloma

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Received: March 14, 2024

Published: March 21, 2024

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Abstract

Bilateral cong corneal dystrophy is a kind of rare ocular condition where there is deposition of some unknown substance. The exact cause is not known, however, hereditary tendency plays an important part to be differentiated from corneal degeneration which is essentially unilateral or non-hereditary. Other ways of classification of corneal dystrophy are lesions in the cornea of unknown etiology which may manifest either at birth or 2nd or 3rd decade of life. Clinically, bilateral central symmetrical corneal opacity with absence of deep vascularisation and impaired corneal sensations is corneal dystrophy unless proved otherwise. We have certain types of corneal dystrophies like granular macular lattice, arcus senilis, and arcus juvenile and many more.

Keywords: Cong Glaucoma; Keratoconus; Deafness

Bilateral Cong corneal dystrophy can be associated with other Cong ANAMOLIES like

- Cong glaucoma
- Keratoconus
- Ant staphyloma
- Cong absence of Descemet's membrane
- Ched
- Deafness
- Medullated optic nerve fibers
- Ks sicca
- Ptosis u lid
- Conjunctival xerosis
- CHED with progressive sensorineural deafness is known as Harboyan Syndrome

Case Report

A first cousin married couple in its first pregnancy during first trimester ultrasound showed an abnormal male foetus with mi-

crocephaly and spina bifida so pregnancy was terminated. 2nd pregnancy a female child delivered after lscs normal no associated cong anomalies is hale and heart studying in 12th class. 3rd pregnancy male child delivered after lscs died after 3 days due to cong ichthyosis. 4th pregnancy a female child delivered after lscs had bil cong cor dystrophy with left eye ant staphyloma at one day of age neonates iop on ton open was normal and b scan ultrasound showed attached retina at 3 months of age. r eye keratoplasty was done and at 3 years of age left eye cosmetic keratoprosthesis was done.

Discussion

Bilateral Cong corneal dystrophy is a kind of corneal blindness it is a matter of great concern, distress not only for child but for parents who see their new born child having bilateral blindness. Here is the role of treating paediatric ophthalmologist to boost parents in terms of encouragement, patience which is the key to success.

That is what happened to this child who had successful keratoplasty at 3 months and of course nice oculo-plasty surgery of left

eye ant staphyloma in terms of cosmetic keratoprotheses at 3 years of age.

Conclusion

This child now 7 years old seeing very well with glasses eye studying in is standard her intelligence is more than the normal so none can conclude never loose hope in such cases patience parental counselling is jeybto success [1-4].

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