

Congenital Bilateral Cataract: Lamellar, Perinuclear and Sutural Components

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Lens sutures are formed by the interdigitation of the anterior and posterior tips of the spindle-shaped fibers of the fetal nucleus. When this sutures opacify known as “sutural cataracts” cause minimal visual disturbance and usually do not require surgical intervention, until the cataract increases and visual acuity progressively decreases [1,2].

Herein we report the clinical observation of a 33-year-old patient with no significant pathological history, who consults for a decrease in bilateral progressive visual acuity since childhood. Ophthalmological examination found a visual acuity at 20/400 OU, the slit lamp examination of the anterior segment found a clear cornea with a zonular, perinuclear and Y-shaped crystalline opacities (Figure 1, 2). The integrity of the retina was checked by ultrasound; the rest of the ophthalmological and general examination did not find any other congenital abnormalities. Diagnosing a congenital bilateral cataract.

Disclosure

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Figure 1: Right eye with a congenital cataract showing the zonular/lamellar, perinuclear and sutural components.



Figure 2: Left eye with the same descriptions where the Y shape of the sutures is observed.

Bibliography

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