

(X) R1 ( ) R2 ( ) R3 ( ) PG0 ( ) PG1 ( ) Estagiário ( ) Tecnólogo ( )  
PIBIC Last Name - Fukumoto First Name - Walter Middle - Kenji

Service (sector) Ocular Plastic Surgery N° CEP

**TRISOMY 13: A RARE CASE OF CONGENITAL TARSAL KINK** Fukumoto, WK; Alvarenga, LS; Sant'Anna, AE; Lucci, LM Purpose: To describe the management of the eyelid anomaly associated with Patau's syndrome. Patau's syndrome is a rare cause of Trisomy 13. The eyelid anomaly was a tarsal kink, a congenital malformation of the tarsus that causes entropion.

Method: Case report. A 2-month-old female presented with unilateral upper eyelid entropion with corneal ulceration at the central area due to the chronic irritation. Two 6-0 polyglactin sutures were passed through the gray line of the upper and lower lids and tied to prevent the lid from reinverting. After 21 days, the sutures were removed. It involved neither the conjunctiva nor the skin surface.

Results: Correction of the entropion and improvement of the corneal condition were achieved postoperatively. No recurrence of the entropion or corneal ulceration has been noted after 3 months of follow-up.

Conclusion: This simple technique is fast to be performed. The time of the operation was short, preventing the child from overexposure to general anesthesia. This technique corrected the eyelid malposition and provided an excellent cosmetic result without the incision of the tarsus. It was previously reported in other cases of tarsal kink but not in a Patau's syndrome's patient. Appropriate reconstructive surgery of the upper eyelid reduces the morbidity associated with the eyelid anomaly.