

EPIBLEPHARON WITH INVERTED EYE LASHES IN CHILDREN LONG TERM FOLLOW-UP REPORT

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Purpose: This study investigate the change of epiblepharon and inverted eyelashes with age and facial development, and the injury of cornea by eyelashes touching.

Method: One hundred and seventy children with epiblepharon and inverted eyelashes were collected from the O.P.D. and screening test at health center. The studied group was divided into two groups(117 cases at age 1-6. 53 cases at ages greater then 6) The studied cases were evaluated with slit lamp and fluorescein stain. The severity of corneal injury was recorded by camera. In addition, we evaluate the effect of drug therapy and the timing of surgical manipulation.

Results:Our study revealed:

1. The children whose parents with epiblepharon and inverted eyelashes usually have the same condition.
2. Inverted lashes touching the cornea will induce corneal erosion.

3. If the rowing of inverted lashes with the same direction, the incidence of eyelashes touching the corneal surface will decrease with age.
4. If the rowing of inverted lashes with different direction, the incidence of eyelashes touching the corneal surface will not improved with age.
5. Medical treatment is usually necessary for corneal erosion. Surgical treatment is usually necessary for the rowing of inverted lashes with different direction.

Conclusion: The children whose parents with epiblepharon and inverted eyelashes usually have the same condition. Once the eyelashes touches the surface of cornea, the erosion of cornea will occur. The erosion of cornea will need medical treatment. If the condition was not improved after medical treatment. The patients will be treated surgically.

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