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Service (sector) Glaucoma N° CEP

Consequences of orientation about congenital glaucoma on the parents compliance to the treatment

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Purpose: Congenital glaucoma is chronic disease which children can have and if it is not treated, they can have a permanent visual loss. Many studies have shown that in chronic disease such as glaucoma, there is a relation between the duration of the disease and the compliance to the treatment. However, improvement in compliance can be reached with information about the disease and in this way result in a better quality of life. Based on some studies we can say that the visual prognostis can be related to the patients knowledge about the disease. In the case of congenital glaucoma, the responsibility for knowledge and adequate treatment belong to the parents of these children. The objective of this study is to evaluate the knowledge that parents of children with congenital glaucoma have about the disease and its relation to compliance.

Methods: 30 children with congenital glaucoma from the out patient clinic of Escola Paulista de Medicina form part of this study. They must be between 3 and 7 years old. Children who come to the clinic with other responsible adults apart from their parents and who have some additional systematic pathology will be excluded from this study. Parents will answer a questionnaire concerning their understanding and treatment of congenital glaucoma and their children will be examined by an ophthalmologist. Afterwards the parents will be divided in 2 groups through a block randomisation. The first group will receive information about congenital glaucoma through an information video and the other group will not receive this. After 2 months the parents from both groups will answer the same questionnaire and their children will be examined by an ophthalmologist.

Results: The results are not concluded yet.