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Cataract surgery in children with primary intraocular lens implant

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Introduction: This paper analyzes the options of early or late cataract surgery in children with the implantation of different types of intraocular lenses.

Development: Because the change of the ocular structure produces very significant variations in the child's refraction, especially in the first 3 years of life, we analyzed the options of cataract surgery with primary intraocular lens implants. Among the alternatives we used, according to the patient's age, the piggy back lens implant technique, which allows us to later remove one of the lenses when the child has passed the stage of greater refractive changes, is our choice in children under one year of age. Then we can use monofocal lenses in children between one and three years of age, and multifocal lenses in those over three years. In both cases, the lens is implanted in the capsular bag.

Conclusion: We believe the primary implantation of the intraocular lens important in order to decrease the degree of amblyopia. Depending on the different lens options, a better forecast can be achieved for refraction in adulthood, with consequent better quality of life.

Biography

Arturo Maldonado-Junyent is a Medical doctor and surgeon, graduated from the National University of Cordoba, Argentina, specialist and master in ophthalmology. He is head of the anterior segment department of the Clinica de Ojos Maldonado Bas in Cordoba, Argentina. He is also Assistant Professor of the Postgraduate specialization in Ophthalmology in the Catholic University of Cordoba and Director of the Postgraduate in Ophthalmology of the Ophthalmology Society of Cordoba, Argentina.

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