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The Ventura technique for lens subluxation

Marcelo C Ventura

Altino Ventura Foundation, Brazil

Ectopia lentis encompasses any displacement or mal-position of the crystalline lens irrespective of the cause or association. Lens subluxation can be congenital, acquired or due to developmental conditions, such as Marfan syndrome. The surgical management of ectopia lentis is a challenging situation. The Ventura technique involves inserting an endocapsular tension ring and partly amputating one of the intraocular lens (IOL) haptics in order for the IOL's optic to be centered in the visual axis after lens placement in the bag, without stressing the residual zonules. In the postoperative follow-up, minimal phacoiridodonesis is seen and the lens optic maintains centered in the visual axis. The use of the femtosecond laser associated with the Ventura technique facilitates the confection of the capsulotomy and enables the surgeon to decrease the residual astigmatism by making relaxing incisions.

Biography

Marcelo C Ventura was graduated from the Medical School of the University of Pernambuco, in Recife, Brazil and completed his Residency training at the Santa Casa de Misericórdia in São Paulo, Brazil. He has completed his Fellowship training in Retina and Cataract Surgery at the University of Puerto Rico. He has obtained his Master and PhD degrees at the Federal University of São Paulo. He is the Co-Founder and CEO of the Altino Ventura Foundation and Co-Founder and Member of the Board of Directors of the HOPE Hospital, both in Recife, Brazil. He is also the past President of the Latin American Society of Cataract and Refractive Surgeons and of the Brazilian Cataract Society.

marcelovhope@gmail.com

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