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Pediatric cataracts: Combined clear corneal and pars plicata approach

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Cataracts in childhood not only reduce vision but also interfere with normal visual development. The management is far more complex than in adults. The timing of surgery, the surgical technique, the choice of the aphakic correction and the amblyopia management are of utmost importance in achieving good and long-lasting results. Two main approaches exist for the removal of cataracts in children: (1) The pars plana (plicata) approach and (2) The clear corneal (limbal) approach. Both techniques have advantages and disadvantages. The pars plana (plicata) approach indicated mainly for neonates/infants below 2 years of age. Particularly for those who have bilateral congenital cataracts for whom immediate IOL implantation is not intended. For the clear corneal approach, various techniques have been described for anterior capsulotomy, lens extraction, posterior capsulectomy and anterior vitrectomy. Particularly for whom immediate IOL implantation is intended. What if we use both techniques simultaneously and re-uniform a technique excluding most of the disadvantages and including most the advantages of both techniques? In this lecture possibility of this re-uniformed technique will be discussed.

Biography

Huseyin Yetik was graduated from Istanbul University School of Medicine in 1996 and completed his Ophthalmology Residency program in 2000 in Istanbul University, Cerrahpasa School of Medicine. He became an Associate Professor in 2006 and full Professor in 2014 in Cerrahpasa. He has worked in several governmental and private hospitals as Academician including Goztepe Educational Hospital, Zeynep-Kamil Educational Hospital, Yeditepe University School of Medicine and Memorial Health Group. He has worked in Azerbaijan, Albania and Kazakhstan as Academician and Vitreoretinal Consultant. He is currently a Professor in Istanbul University, Cerrahpasa School of Medicine and Vitreoretinal Consultant, Chief of Ophthalmology Department of Surp Pirgic Armenian Foundation Hospital and Chief Vitreoretinal Consultant Surgeon of 15 private hospitals in Istanbul, Turkey. He is a Member of American Academy of Ophthalmology, American Association of Retina Specialist, European Retina Society (EURETINA) and Turkish Ophthalmology Society.

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