Phakic intra-ocular lenses in refractive surgery

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Phakic intra-ocular lenses are increasingly used in Refractive surgery particularly in patients with more than 8 dioptres of myopia. They give excellent quality vision and are reversible. Long-term issues such as endothelial cell count and cataract are cited as areas of concern. However, there is increasing long term data available as to their safety and effectiveness. Newer designs have become available which improve their quality. Phakic IOL’s offers an alternative to Laser Refractive Surgery in patients with high myopia. We discuss our long term findings with Artisan, Artiflex and Collamer implants.

Biography

Michael O’Keeffe is a Consultant Ophthalmic Surgeon at the Children’s University Hospital and the Mater Misericordiae Hospital Dublin. He is the Newman Clinical Professor of Pediatric Ophthalmology at University College Dublin. His special interests include congenital cataract, ROP and Refractive Surgery. He is a book and chapter editor and has published over 150 peer reviewed papers. He was awarded the Claud Worth Medal for his contribution to Pediatric Ophthalmology in 2004 by the British Child Health Foundation. In 2008 he was awarded the Eustace Medal for his research and contribution to Ophthalmology.

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