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Combining current technology and techniques for optimal corneal transplantation and ocular reconstruction

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Corneal transplantation has been around for many years. Understanding of the corneal anatomy and physiology through decades of worldwide research has given the steps to an enormous evolution in techniques and technology which has made corneal microsurgery more precise and reproducible. From rudimentary trephines and instruments to microqueratomes and now day's femtosecond lasers. Even more, the possibility of a full visual recovery combing corneal, anterior segment and refractive surgery is an everyday possibility. Here we discuss the combination of current technology, techniques and knowledge for optimal corneal transplantation and ocular reconstruction.

Biography

Cesar Gomezperalta is a Senior Consultant Eye Surgeon in the field of Cornea, Cataract and Refractive Surgery at Angeles Lomas Hospital in Mexico City. He specializes in Lamellar Corneal Transplant and Ocular Reconstruction. He is the Founder and Director of Vision-Percepcion heading the Keratoconus and Corneal Transplant Clinic. He is the Chairman of the World Wide Alumni of the Singapore National Eye Centre and was appointed Chairman for the 2013 world meeting of the World Association of Eye Hospitals. He received his Medical Degree from the Anahuac University School of Medicine and then trained in General Surgery & Laparoscopy at the American British Cowdray Hospital. He completed his Ophthalmology residency at the Lopez Mateos Regional Hospital and visited as a fellow the Wolfe Clinic in Iowa, USA. He then spent a few years specializing in Cornea, Cataract and Refractive Surgery at the Singapore National Eye Centre in Singapore, where he also gained experience in Ocular Surface Reconstruction and Artificial Corneas.

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