

# Corneal Topography

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## Recent Publications on Corneal Topography:



- [Refractive surgery in patients with retinitis pigmentosa.](#)  
*Purpose.* To evaluate the refractive outcomes and safety of laser...20th November, 2009  
Department of Ophthalmology, A. Fiorini Hospital, Terracina, University of- Eur J Ophthalmol. 2009 Nov 3.
- [Keratoconus detection using corneal topography.](#)  
*PURPOSE*To review the topographic patterns associated with keratoconus...17th November, 2009  
Baylor College- J Refract Surg. 2009 Oct;25(10 Suppl):S958-62. doi: ([DOI Direct Link](#))
- [Total, corneal, and internal ocular optical aberrations in patients with keratoconus.](#)  
*PURPOSE:* To measure and compare total, corneal, and internal ocular...17th November, 2009  
Department of Ophthalmology, Rothschild Foundation, Paris, France.- J Refract Surg. 2009 Oct;25(10 Suppl):S951-7. doi: ([DOI Direct Link](#))
- [Visual and optical performance before and after rotation of a misaligned STAAR Toric Implantable Collamer Lens.](#)  
*PURPOSE:* To document the use of the NIDEK OPD-Scan II/Station as a...17th November, 2009  
Ophthalmology Department, Faculty of Medicine Ain Shams University, Cairo,- J Refract Surg. 2009 Oct;25(10 Suppl):S934-8. doi: ([DOI Direct Link](#))
- [Transconjunctival Sutureless 25-Gauge Versus 20-Gauge Standard Vitrectomy: Correlation Between Corneal Topography and Ultrasound Biomicroscopy Measurements of Sclerotomy Sites.](#)  
*PURPOSE::* To determine the correlation between corneal shape changes and...13th November, 2009  
From the \*Ophthalmology Unit, S. Marta Hospital, Catania University,- Cornea. 2009 Nov 11. ([DOI Direct Link](#))
- [CORNEAL BIOMECHANICS, REFRACTION AND CORNEAL ABERROMETRY IN KERATOCONUS: AN INTEGRATED STUDY.](#)  
*PURPOSE:* To evaluate the relationship of corneal biomechanical properties...13th November, 2009  
R and D, Vissum Corporation, Alicante, Spain.- Invest Ophthalmol Vis Sci. 2009 Nov 11. ([DOI Direct Link](#))
- [Night driving after LASIK.](#)  
*PURPOSE.:* To investigate the influence of convergence on axial length and...13th November, 2009  
- Ophthalmology. 2009 Nov;116(11):2260.e1; author reply 2261-2. ([DOI Direct Link](#))
- [Sustained Convergence, Axial Length, and Corneal Topography.](#)  
*PURPOSE.:* To investigate the influence of convergence on axial length and...4th November, 2009  
\*PhD daggerPhD, FAAO double daggerDipOptom section signBAppSci Contact- Optom Vis Sci. 2009 Oct 31. ([DOI Direct Link](#))

- [Customized aspheric intraocular lenses calculated with real ray tracing.](#)  
*PURPOSE: To calculate the exact geometry of custom intraocular lenses...*3rd November, 2009  
Centre for Ophthalmology, University Hospital, Tubingen, Germany.- J Cataract Refract Surg. 2009 Nov;35(11):1984-94. ([DOI Direct Link](#))
- [Influence of induced decentered orthokeratology lens on ocular higher-order wavefront aberrations and contrast sensitivity function.](#)  
*PURPOSE: To quantitatively evaluate the effect of overnight...*3rd November, 2009  
Department of Ophthalmology, Institute of Clinical Medicine, University of- J Cataract Refract Surg. 2009 Nov;35(11):1918-26. ([DOI Direct Link](#))
- [Photorefractive keratectomy in the management of refractive accommodative esotropia in young adult patients.](#)  
*PURPOSE: To evaluate the visual, motor, and sensory outcomes of...*3rd November, 2009  
Department of Ophthalmology, Policlinico Umberto I, University of Rome,- J Cataract Refract Surg. 2009 Nov;35(11):1873-7. ([DOI Direct Link](#))
- [Intraoperative and postoperative effects of corneal collagen cross-linking on progressive keratoconus.](#)  
*OBJECTIVES: To report intraoperative and 24-month refractive, topographic,...*3rd November, 2009  
Department of Ophthalmology, Istituto Clinico Humanitas, Via Manzoni 56,- Arch Ophthalmol. 2009 Oct;127(10):1258-65. ([DOI Direct Link](#))
- [Intraocular pressure in keratoconus.](#)  
*Abstract. Purpose: This study aimed to investigate intraocular pressure...*23rd October, 2009  
Contact Lens and Visual Optics Laboratory, School of Optometry, Queensland- Acta Ophthalmol. 2009 Oct 20. ([DOI Direct Link](#))
- [Prospective Randomized Trial of Limbal Relaxing Incisions Combined with Microincision Cataract Surgery.](#)  
*PURPOSE: To evaluate clinical outcomes of the limbal relaxing incision...*22nd October, 2009  
- J Refract Surg. 2009 Oct 26;1-6. doi: 10.3928/1081597X-20091015-01. ([DOI Direct Link](#))
- [Early outcomes of INTRACOR femtosecond laser treatment for presbyopia.](#)  
*PURPOSE: To investigate early functional outcomes of the INTRACOR...*20th October, 2009  
University of Heidelberg, Department of Ophthalmology, International- J Refract Surg. 2009 Oct;25(10):855-61. doi: 10.3928/1081597X-20090917-06. ([DOI Direct Link](#))

## BioNews Results for Corneal Topography

- [Medical News: Carl Zeiss Meditec Introduces New Applications For The ATLAS Corneal Topographer At AAO-Opto](#)  
*BioFind: Nov 15 2009 12:54PM Matching: corneal topography*
- [Carl Zeiss Meditec Introduces New Applications For The ATLAS Corneal Topographer At AAO-Opto](#)  
*Medical News Today: Nov 15 2009 12:45PM Matching: corneal topography*
- [Carl Zeiss Meditec Introduces New Applications For The ATLAS Corneal Topographer At AAO-Opto](#)  
*MediLexicon: Nov 15 2009 11:43AM Matching: corneal topography*
- [Carl Zeiss Meditec releases new software advances for the ATLAS Corneal Topography System](#)  
*News-Medical.Net: Nov 13 2009 3:55PM Matching: corneal topography*
- [Carl Zeiss Meditec releases new software advances for the ATLAS Corneal Topography System](#)  
*News-Medical.Net: Nov 13 2009 3:20PM Matching: corneal topography*
- [Carl Zeiss Meditec Introduces New Applications for the ATLAS Corneal Topographer at AAO-Opto](#)  
*Genetic Engineering News: Nov 13 2009 2:22PM Matching: corneal topography*





## Corneal Topography Patents:

- 7281799- [Corneal topography slit image alignment via analysis of half-slit image alignment](#)
- 7350920- [Wavefront sensing apparatus with adaptive optics](#)
- 7360893- [Systems and methods for shaping wavefronts in polychromatic light using phase shifting elements](#)
- 7370969- [Corneal topography analysis system](#)
- 7377640- [Multifocal ophthalmic lens](#)
- 7377641- [Multifocal ophthalmic lens](#)
- 7377645- [Arrangement and method for illuminating the lens of the human eye](#)
- 7380942- [Method for measuring the wave aberrations of the eye](#)
- 7413566- [Training enhanced pseudo accommodation methods, systems and devices for mitigation of presbyopia](#)
- 7416305- [Method and apparatus for improving vision and the resolution of retinal images](#)
- 7419485- [Corneal topography-based target warping system](#)
- 7350916- [Intraocular lens](#)
- 7341348- [Moire aberrometer](#)
- 7341345- [Ocular wavefront-correction profiling](#)
- 7296895- [Sequential scanning wavefront measurement and retinal topography](#)
- 7303277- [Multifocal contact lens](#)
- 7303278- [Multifocal contact lens](#)
- 7303281- [Method and device for determining refractive components and visual function of the eye for vision correction](#)
- 7311400- [Determining clinical refraction of eye](#)
- 7322695- [Multifocal contact lenses](#)
- 7325927- [Method of filtering data for the objective classification of eyes](#)
- 7331667- [Iris pattern recognition and alignment](#)
- 7331668- [Ocular wavefront-correction profiling](#)
- 7338506- [Scleral clip and procedures for using same](#)
- 7434933- [Device and method for determining geometric measurement values of an eye](#)
- 7438415- [Eye examination device by means of tomography with a sighting device](#)
- 7535991- [Portable orthovoltage radiotherapy](#)
- 7537338- [Bifocal contact lens](#)
- 7543937- [Multifocal ophthalmic lens](#)
- 7556375- [Soft lens orthokeratology](#)
- 7562982- [Generalized presbyopic correction methodology](#)
- 7564946- [Orthovoltage radiotherapy](#)
- 7575322- [Auto-alignment and auto-focus system and method](#)
- 7594725- [Contact lens and methods of manufacture and fitting such lenses and computer program product](#)
- 7607776- [Digital eye bank for virtual clinic trials](#)
- 7611245- [Placido projector for corneal topography system](#)
- 7530691- [Ophthalmic lenses for correction of aberration and processes for production of the lenses](#)
- 7530689- [Orthokeratological contact lenses and design methods therefor](#)
- 7520611- [System for vision examination utilizing telemedicine](#)
- 7455404- [Ophthalmic lens with multiple phase plates](#)

- 7458683- [Methods and devices for registering optical measurement datasets of an optical system](#)
- 7490938- [Method, device and computer program for selecting an intraocular lens for an aphakic eye that has previously been subjected to refractive surgery](#)
- 7496174- [Portable orthovoltage radiotherapy](#)
- 7497572- [Toric contact lenses with controlled optical power profile](#)
- 7497575- [Gaussian fitting on mean curvature maps of parameterization of corneal ectatic diseases](#)
- 7503916- [Integrated scanning and ocular tomography system and method](#)
- 7513619- [High resolution lateral and axial tomography](#)
- 7516937- [Deformable molds and methods for their use in the manufacture of ophthalmic lenses](#)
- 7520609- [Non-invasive measurement of tear volume systems and methods](#)
- 7620147- [Orthovoltage radiotherapy](#)

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