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Personal data

Date of birth	18 December 1969
Place of birth	Pyrgos/Ilias, Greece
Marital Status	Married
Nationality	Greek

Curriculum Vitae

Experience

01/1994 - today

Senior Researcher

University of Crete, Medical School, Institute of Vision and Optics (IVO)
GR-71003 Heraklion, Greece

- Main research projects:
 - Development and clinical evaluation of new procedures in refractive surgery
 - Evaluation of established refractive methods (Safety, Efficacy, Predictability)
 - Development of methods for evaluation the outcomes of refractive surgery
 - Investigating Presbyopia treatments, especially with the aim of intracorneal implants and intraocular lenses
- Active participation in International Ophthalmological congresses: Presentation of research outcomes as invited speaker and instructor in refractive surgery courses
- Lecturing in the postgraduate course of studies „Optics and Vision“, Supervision of several Master thesis, e.g. with the subjects:
 - Comparison of regular Excimer Laser ablation profiles with Q-value customized profiles.
 - Accomodation before and after refractive surgery

- Comparison of wavefront aberrometers with different working principles
- Investigating the aberrations of presbyopic, emmetropic eyes in comparison to young, emmetropic eyes.
- Femtosecond Laser technology in Refractive surgery
- Lecturer at the IVO Mini Fellowships for refractive surgery
- Application support of refractive surgeries at IVO University of Crete
 - Determination of the best treatment parameters together with the surgeon
 - Collection and Processing of postoperative results
- Application support of the Excimer and femtosecond Lasers at Medical School University of Crete
- Participation in different research projects focussing on refractive surgery and quality of vision
- Data collection and –processing during the FDA study for the Ladarvision Excimer laser
- Lecturer during the Mini Fellowships for refractive surgery

Education

12/2005

Doctorate

University of Crete, Medical School
Heraklion/Greece

Subject: A mathematical model of the change of corneal shape during photorefractive Keratectomy with the Excimer Laser

09/1988-06/1993

Studies in Physics

University of Crete, Heraklion/Greece

Degree: Bachelor

Thesis with the subject:

An automated system for measuring I/V curves in photo-voltaic units

06/1988

Gymnasium

Karatoula/Greece

Degree: High school diploma

Languages

Greek	Mother tongue
English	Fluent
German	Moderate

IT

Applications	MS Office, SPSS, Endnote, etc.
OS	Microsoft Windows

Publications

23 Publications in peer-reviewed Journals with 524 citations and h-index=13 (as by 05/2013).
(1-28)

1. Limnopoulou AN, Bouzoukis DI, Kymionis GD, Panagopoulou SI, Plainis S, et al. 2013. Visual outcomes and safety of a refractive corneal inlay for presbyopia using femtosecond laser. *Journal of Refractive Surgery* 29:12-8
2. Pallikaris IG, Karavitaki AE, Kymionis GD, Kontadakis GA, Panagopoulou SI, Kounis GA. 2012. Unilateral sulcus implantation of the crystalens HD. *Journal of Refractive Surgery* 28:299-301
3. Kymionis GD, Portaliou DM, Diakonis VF, Kounis GA, Panagopoulou SI, Grentzelos MA. 2012. Corneal collagen cross-linking with riboflavin and ultraviolet-a irradiation in patients with thin corneas. *American Journal of Ophthalmology* 153:24-8
4. Kymionis GD, Grentzelos MA, Kounis GA, Diakonis VF, Limnopoulou AN, Panagopoulou SI. 2012. Combined transepithelial phototherapeutic keratectomy and corneal collagen cross-linking for progressive keratoconus. *Ophthalmology* 119:1777-84
5. Bouzoukis DI, Kymionis GD, Panagopoulou SI, Diakonis VF, Pallikaris AI, et al. 2012. Visual outcomes and safety of a small diameter intrastromal refractive inlay for the corneal compensation of presbyopia. *Journal of Refractive Surgery* 28:168-73
6. Portaliou DM, Kymionis GD, Panagopoulou SI, Kalyvianaki MI, Grentzelos MA, Pallikaris IG. 2011. Long-term results of phakic refractive lens implantation in eyes with high myopia. *Journal of Refractive Surgery* 27:787-91
7. Kymionis GD, Portaliou DM, Krasia MS, Karavitaki AE, Grentzelos MA, Panagopoulou SI et al. 2011. Unintended epithelium-only flap creation using a femtosecond laser during LASIK. *Journal of Refractive Surgery* 27:74-6
8. Kymionis GD, Portaliou DM, Diakonis VF, Karavitaki AE, Panagopoulou SI, et al. 2011. Management of post laser in situ Keratomileusis ectasia with

- simultaneous Topography Guided Photorefractive Keratectomy and Collagen Cross-Linking. *Open Ophthalmology Journal* 5:11-3
9. Kymionis GD, Kounis GA, Grentzelos MA, Panagopoulou SI, Kandarakis SA, Krasia MS. 2011. Interface corneal stromal irregularities after flap creation using femtosecond laser. *European Journal of Ophthalmology* 21:207-9
 10. Kymionis GD, Portaliou DM, Tsiklis NS, Panagopoulou SI, Pallikaris IG. 2009. Thin LASIK Flap creation using the SCHWIND carriazo-pendular microkeratome. *Journal of Refractive Surgery* 25:33-6
 11. Kymionis GD, Diakonis VF, Panagopoulou SI, Grentzelos MA, Kazakos DC, et al. 2009. Mitomycin C aqueous humor concentration after photorefractive keratectomy: An experimental study. *European Journal of Ophthalmology* 19:738-42
 12. Kalyvianaki MI, Kymionis GD, Kounis GA, Panagopoulou SI, Grentzelos MA, Pallikaris IG. 2008. Comparison of Epi-LASIK and Off-Flap Epi-LASIK for the Treatment of Low and Moderate Myopia. *Ophthalmology* 115:2174-80
 13. Tsiklis NS, Kymionis GD, Pallikaris AI, Diakonis VF, Ginis HS, et al. 2007. Endothelial cell density after photorefractive keratectomy for moderate myopia using a 213 nm solid-state laser system. *Journal of Cataract and Refractive Surgery* 33:1866-70
 14. Kymionis GD, Tsiklis NS, Astyrakakis N, Pallikaris AI, Panagopoulou SI, Pallikaris IG. 2007. Eleven-year follow-up of laser in situ keratomileusis. *Journal of Cataract and Refractive Surgery* 33:191-6
 15. Jankov Ii MR, Panagopoulou SI, Tsiklis NS, Hajitanasis GC, Aslanides IM, Pallikaris IG. 2006. Topography-guided treatment of irregular astigmatism with the wavelight excimer laser. *Journal of Refractive Surgery* 22:335-44
 16. Panagopoulou SI, Neal DR. 2005. Zonal matrix iterative method for wavefront reconstruction from gradient measurements. *Journal of Refractive Surgery* 21:S563-S9
 17. Pallikaris IG, Kalyvianaki MI, Kymionis GD, Panagopoulou SI. 2004. Phakic refractive lens implantation in high myopic patients: One-year results. *Journal of Cataract and Refractive Surgery* 30:1190-7
 18. Kymionis GD, Panagopoulou SI, Aslanides IM, Plainis S, Astyrakakis N, Pallikaris IG. 2004. Topographically supported customized ablation for the management of decentered laser in situ keratomileusis. *American Journal of Ophthalmology* 137:806-11
 19. Pallikaris IG, Naoumidi TL, Panagopoulou SI, Alegakis AK, Astyrakakis NI. 2003. Conductive keratoplasty for low to moderate hyperopia: 1-Year results. *Journal of Refractive Surgery* 19:496-506
 20. Pallikaris IG, Kymionis GD, Panagopoulou SI, Siganos CS, Theodorakis MA, Pallikaris AI. 2002. Induced optical aberrations following formation of a laser in situ keratomileusis flap. *Journal of Cataract and Refractive Surgery* 28:1737-41

21. Pallikaris IG, Katsanevaki VJ, Panagopoulou SI. 2002. Laser in situ keratomileusis intraoperative complications using one type of microkeratome. *Ophthalmology* 109:57-63
22. Lydataki S, Lesniewska E, Tsilimbaris MK, Panagopoulou S, Le Grimellec C, Pallikaris IG. 2002. Excimer laser ablated cornea observed by atomic force microscopy. *Single Molecules* 3:141-7
23. Panagopoulou SI, Pallikaris IG. 2001. Wavefront customized ablations with the WASCA Asclepion workstation. *Journal of Refractive Surgery* 17:S608-S12
24. Pallikaris IG, Panagopoulou SI, Siganos CS, Molebny VV. 2001. Objective measurement of wavefront aberrations with and without accommodation. *Journal of Refractive Surgery* 17:S602-S7
25. Pallikaris IG, Panagopoulou SI, Molebny VV. 2000. Clinical experience with the Tracey Technology wavefront device. *Journal of Refractive Surgery* 16:S588-S91
26. Molebny VV, Panagopoulou SI, Molebny SV, Wakil YS, Pallikaris IG. 2000. Principles of ray tracing aberrometry. *Journal of Refractive Surgery* 16:S572-S5
27. Tsiknakis MN, Chronaki CE, Tsilimbaris MK, Panagopoulou SI, Orphanoudakis SC, Pallikaris IG. 1996. A multimedia integration methodology through the meta patient record concept in a cornea outpatient clinic. *Investigative Ophthalmology and Visual Science* 37
28. Panagopoulou SI, Kapoulas PV, Margaritis AG, Pallikaris IG. 1996. Modification of topographic maps for the estimation of PRK outcome using the AESCULAP-MEDITEC MEL-60 Excimer Laser. *Investigative Ophthalmology and Visual Science* 37

Others:

Co-author of chapter 2 from «Art of LASIK», SLACK INCORPORATED
Co-author of chapter 3 from «Quest for Super vision», SLACK INCORPORATED

Official Reviewer of the following magazines:

- Journal of Cataract and Refractive Surgery
- Journal of Refractive Surgery