

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ (CURICULUM VITAE)

ΧΑΡΑΛΑΜΠΟΣ Σ. ΣΙΓΑΝΟΣ

CHARALAMPOS S. SIGANOS

ΚΑΘΗΓΗΤΗΣ ΟΦΘΑΛΜΟΛΟΓΙΑΣ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΚΡΗΤΗΣ

PROFESSOR OF OPHTHALMOLOGY UNIVERSITY OF CRETE

ΠΕΡΙΕΧΟΜΕΝΑ (CONTENTS):-

- 1. ENGLISH CV**
- 2. ENGLISH SHORT CV - TABLE**

ΟΚΤΩΒΡΙΟΣ 2025

OCTOBER 2025

CURRICULUM VITAE

Charalampos S. Siganos, MD, Ph.D

Professor of Ophthalmology

Cornea & Transplantation Service

Department of Ophthalmology

Heraklion University Hospital - Crete

Studies

Titles

Publications

Citations

Procedures performed

October 2025

A. Personal Data

Surname:	SIGANOS
Name:	CHARALAMPOS
Father name (Middle):	SOCRATES
Mother name:	ALICE
Date of birth:	November 2, 1963
Nationality:	Greek
Place of birth:	Cairo (Egypt)
Social Status:	Married, 2 children
Address:	Isavron 105, Heraklion 71303, Greece
Telephone:	(+ 30-2810) 319769 Mobile: +30-6945-701068
Fax:	(+ 30-2810) 319769
E-mail	siganos@uoc.gr siganosc@gmail.com
Website:	www.siganos-evelaser.gr
Languages:	Greek (mother tongue) - English – Arabic – Spanish – Hebrew

Permits to practice Medicine in:

1. Egypt (1988)
2. Greece (1988)
3. Cyprus (1990)

Degrees, Academic Titles

4. Bachelor of Medicine (M.B., B.Ch.)

Faculty of Medicine - Cairo University – 1986
(English instruction)

5. Masters Degree (M.Sc. in Ophthalmology)

Faculty of Medicine - Cairo University – 1993
Thesis Title: “Ocular Manifestations of Sarcoidosis”
Grade: "Excellent". (English instruction)

6. Greek Board of Ophthalmology - 1993**7. Ph.D. degree**

Department of Medicine, School of Health Sciences,
University of Crete – 1999

Thesis title: “Effects of Free Radical inhibitory action
of Desferrioxamine, Zinc-desferrioxamine and
Gallium-desferrioxamine on a corneal alkali burn
rabbit model”. Grade: “Excellent with honours”.

Permits to practice Ophthalmology in:

8. Egypt (1993)

9. Greece (1993)

10. Cyprus (1993)

B. Education

Undergraduate studies**1. Pre-Medical Natural Science Course.**

Faculty of Science, Cairo University 1980 -81

2. Bachelor of Medicine (M.B., B.Ch.)

Faculty of Medicine, Cairo University 1981-1986

Post-graduate studies – Affiliations- Clinical positions

3. Rotating Internship.

Cairo University Hospital (1987–88)

4. Masters degree in Ophthalmology (M.Sc. in Ophthalmology), Faculty of Medicine,
Cairo University 1989-1993

5. Residence in Ophthalmology
Cairo University Hospital (Kasr El-Eini) -
Department of Ophthalmology.
March 1989 - May 1993

6. Registrar in Ophthalmology
May 1993 – Sept. 1993
Department of Ophthalmology
Greek Community Hospital, Cairo, Egypt.

7. Visitor Ophthalmologist. Ophthalmology Section,
Department of Clinical Sciences, Research Institute of
Ophthalmology, Cairo, Egypt.
July 1993 – Dec. 1993

8. Fellowship in Cornea & External Eye Disease
Cornea Service, Ophthalmology Department,
Hadassah University Hospital, Jerusalem, Israel.
Tutor: Prof. Joseph Frucht – Pery, MD
Feb. 1994 – Dec. 1996

9. Fellowship in Surgical Retina
Retina Service, Ophthalmology Department,
Hadassah University Hospital, Jerusalem, Israel.
Tutor: Dr. Itshak Hemo, MD
Dec. 1996 – Feb. 1997.

10. Private office practice.
Sept. 1997 – Oct. 1998
June 2013 – to date (additional to Hospital practice)

11. Registrar in Ophthalmology

Head of Cornea/External Eye Disease Service
Department of Ophthalmology
Heraklion University Hospital, Crete, Greece
Oct. 1998 – 22/04/2003.

12. Ph.D. degree

University of Crete, July 1999.

13. Lecturer in Ophthalmology, Univ. of Crete

Head of Cornea/External Eye Disease Service
Department of Ophthalmology
Heraklion University Hospital, Crete, Greece
Oct. 23/04/2003 till 27/03/2006

**14. Asst. Professor of Ophthalmology,
Univ. of Crete**

Head of Cornea/External Eye Disease Service
Department of Ophthalmology
Heraklion University Hospital, Crete, Greece
Oct. 23/04/2003 – to date (Elected as permanent
staff on 2009).

**15. Associate Professor of Ophthalmology,
Medical School, University of Crete (Appointed
1068/Γ/30-10-2017).****16. Professor of Ophthalmology, Medical School,
University of Crete (Appointed Γ'
2437/21.09.2023 – today).****17. Medical coordinator of Refractive Surgery
Service, Laboratory of Vision and Optics, School of
Medicine, University of Crete (VEIC)
2000-2002, 2010-2012, 09/2015-28/02/2015**

18. Director of Refractive Surgery Service,

Laboratory of Vision and Optics, School of
Medicine, University of Crete (VEIC)

01/03/2016-to date

19. Head Research Program KA 11252 Funded

by University of Crete: “Appliocation of Corneal
Cross Linking with UV light and Riboflavin
installation as a therapeutic approach for Corneal
Diseases”

19/12/2022 – to date

20. Head of External Eye Disease &Cornea

Transplantation Unit, Department of
Ophthalmology, Heraklion University Hospital

1998-to date

21. Sabbatical Visitor Professor.

Department of Ophthalmology, Hadassah University
Hospital, Jerusalem Israel (18/09/2016-11/11/2016)

22. Sabbatical Visitor Professor.

Department of Ophthalmology, Hadassah University
Hospital, Jerusalem Israel (27/05/2022-01/07/2022).

Current Academic and Clinical Positions

1. Professor of Ophthalmology, School of Medicine, University of Crete
2. Head of External Eye Disease &Cornea Transplantation Unit, Department of Ophthalmology, Heraklion University Hospital
3. Private Practice: “Ophthalmology Cornea Laser & Transplantation Service’, Heraklion Crete

C. Memberships

A. International

1. The American Academy of Ophthalmology (AAO)

2. The Association for Research in Vision and Ophthalmology (ARVO)
3. Instituto Barraquer (Spain)
4. International Society of Refractive Surgery (ISRS)
5. European Society of Cataract and Refractive Surgeons (ESCRS)
6. International Ocular Surface Society
7. The Egyptian Ophthalmological Society
8. The Egyptian Medical Syndicate
9. The Cyprus Medical Syndicate

B. Local

1. Heraklion Medical Syndicate
2. Ophthalmological Society of Crete
3. Hellenic Ophthalmological Society

Publications

D.1. Theses ($\Delta 1$)

For the title of **M.Sc. in Ophthalmology**:

1.1. Siganos CS. Ocular Manifestations of Sarcoidosis. M.Sc. thesis in Ophthalmology. Faculty of Medicine, Cairo University. 1993.

For the **Ph.D** title

1.2. Siganos CS. Study of the effect of the free radical inhibitory action of Desferrioxamine, Zinc-desferrioxamine and Gallium-desferrioxamine on a corneal alkali burn rabbit model.

Ph.D. thesis. Department of Medicine, School of Health Sciences, University of Crete. 1999.

D.2. Chapters in Books -Greek editorials (Δ2)

a) Writer

2.1. Frucht-Pery J and **Siganos CS**. Adjunctive Medical Therapy for pterygium surgery. In: Taylor HR, ed. *Pterygium*. The Hague, The Netherlands: Kugler Publications, 2000:115-124.

2.2. Frucht-Pery J and **Siganos CS**. Antiproliferative Therapy for pterygium surgery. In: Lucio Buratto ed. *Pterygium Surgery*. Thorofare, NJ, USA: Slack Incorporated, 2000:157-163.

2.3. **Siganos CS**. Intrastromal Corneal Ring Segments. In: Syllabus, Mini Fellowships in Refractive Surgery, International Ophthalmology Training Center, The Department of Ophthalmology and VEIC, University of Crete - School of Medicine, 2000; Chapter8:1-7.

2.4. **Siganos CS** (επανεκδοση). Intrastromal Corneal Ring Segments. In: Syllabus, Mini Fellowships in Refractive Surgery, International Ophthalmology Training Center, The Department of Ophthalmology and VEIC, University of Crete - School of Medicine, 2001 Chapter8:1-7.

2.5. Παλλήκαρης ΙΓ. Κατσανεβάκη ΒΙ, **Σιγανός ΧΣ**, Παναγοπούλου ΣΙ. Φωτοθεραπευτική Κερατεκτομή (Εισήγηση). Τόμος Ειηγήσεων, 33ο Πανελλήνιο Οφθαλμολογικό Συνέδριο. Θεσσαλονίκη, 24-27 Μαΐου 2000:39-43.

2.6. **Σιγανός ΧΣ**, Ασπιώτης Μ, Κυμιωνής Γ, Παλλήκαρης ΙΓ.Θεραπευτικές εφαρμογές των ενδοκερατοειδικών δακτυλίων (Εισήγηση). Τόμος Ειηγήσεων, 35ο Πανελλήνιο Οφθαλμολογικό Συνέδριο, Χαλκιδική 5-8 Ιουνίου 2002:145-149.

2.7. Σιγανός Δ, **Σιγανός Χ**, Παπαστεργίου Γ. Μέθοδοι διόρθωσης της υπερμετρωπίας. Α. Αφαίρεση Κρυσταλλοειδούς φακού με ένθεση ενδοφακού. Τόμος Ειηγήσεων, 35ο Πανελλήνιο Οφθαλμολογικό Συνέδριο, Χαλκιδική 5-8 Ιουνίου 2002:150.

2.8. **Χ. Σιγανός**, Γ. Κυμιωνής. Σύγχρονη αντιμετώπιση κερατοκώνου. Τόμος Εισηγήσεων 39^ο Πανελλήνιο Οφθαλμολογικό Συνέδριο 2006:167-173.

2.9. GD Kymionis, **CS Siganos**, IG Pallikaris. Intacs (Chapter 35). In: Garg A, Pallikaris IG, Hoyos JE, Pinelli R, ed. *Mastering the techniques of Corneal refractive surgery*. Jaypee Brothers: Medical Publishers Ltd, 2006:287-291.

2.10. GD Kymionis, **CS Siganos**, IG Pallikaris. Intacs. In: Garg A, Pallikaris IG, Dementiev D, Pinelli R, ed. *Step by step. Corneal Refractive Surgery* Jaypee Brothers: Medical Publishers Ltd, 2006:173-183.

2.11. N Tsiklis, GD Kymionis, E Coskunseven, **C Siganos**, I Pallikari. Intacs and corneal collagen cross-linking with riboflavin and ultraviolet-A as a combined treatment for irregular astigmatism. In: Mastering corneal collagen cross linking techniques Ashok Garg, Roberto Pinelli, A Kanellopoulos, David O'Brart, Carlo Lovisolo Jaypee Brothers, Medical Publishers, India, 2009, pp:81-85.

2.12. Γ. Κυμιωνής, **X. Σιγανός**, Γ. Βασιλόπουλος, Μ. Ασπιώτης. Intracorneal Ring Segments. Τόμος Εισηγήσεων, 42^ο Πανελλήνιο Οφθαλμολογικό Συνέδριο, Χερσόνησος, Κρήτη 27-31/05/2009.

β) Editor

2.7.1. LASIK 2000. Seminars in Ophthalmology 2000;15 (3).Fridberg RT ed. **Guest editors:** Pallikaris IG, Tsilimbaris MK, **Siganos CS**.

D3. Journal peer reviewed publications and journal IF (Δ3)

1. Xirou V, Xirou T, **Siganos C** et al. Impact of Cataract Surgery on IOP and Ocular Structures in Normotensive Patients and Primary and Exfoliation Open Angle Glaucoma Patients. *Cinical Ophthalmology* 2023;17:1047-1055
2. Grentzelos M, Liakopoulos D, Kankariya V, **Siganos C**, Tsilimbaris M, Pallikaris I, Kymionis G. Three-Year Results of Simultaneous Transepithelial Phototherapeutic Keratectomy and Conventional Phototherapeutic Keratectomy (Cretan Protocol Plus) Followed by Corneal Cross Linking for Keratoconus. *Cornea* 2022; 00:1–7
3. Spervovasilis, N., Maraki, S., Kokorakis, E., Kofteridis, D., Tsilimbaris, M., **Siganos, C.**, Samonis, G. Antimicrobial susceptibility of isolated pathogens from patients with contact lens-related bacterial keratitis in Crete, Greece: A ten-year analysis. *Contact Lens and Anterior Eye* 2021, 44 (4)

3.946

4. Papadakou, P., Chatziralli, I., Papathanassiou, M., Lambadiari, V., **Siganos, C.S.**, Theodossiadis, P., Kozobolis V. The Effect of Diabetes Mellitus on Corneal Endothelial Cells and Central Corneal Thickness: A Case-Control Study. *Ophthalmic Research*, 2020, 63 (6), pp. 550-554.

3.031

5. Grentzelos, M.A., Liakopoulos, D.A., **Siganos, C.S.**, Tsilimbaris, M.K., Pallikaris, I.G., Kymionis, G.D. Long-term Comparison of Combined t-PTK and CXL (Cretan Protocol) Versus CXL with Mechanical Epithelial Debridement for Keratoconus. *Journal of Refractive Surgery*, 2019, 35 (10), pp. 650-655.

3.255

6. Trivili A, Koliarakis I, Terzidou V, Goulielmos G, **Siganos C**, Spandidos D, Dalianis G, Detorakis E. Normal -Tension Glaucoma. Pathogenesis and Genetics (Review). *Exp Ther Med*. 2019 Jan; 17(1): 563–574.

2.751

7. Sideroudi, H., Labiris, G., Ditzel, F., Tsaragli, E., Georgatzoglou, K., **Siganos, C.**, Kozobolis, V. Validation of Fourier analysis of videokeratographic data. *International Ophthalmology*, 2018, 38 (4), pp. 1433-1440,

2.029

8. Grentzelos, M.A., Kounis, G.A., Diakonis, V.F., **Siganos, C.S.**, Tsilimbaris, M.K., Pallikaris, I.G., Kymionis, G.D. Combined transepithelial phototherapeutic keratectomy and conventional photorefractive keratectomy followed simultaneously by corneal crosslinking for keratoconus: Cretan protocol plus. *Journal of Cataract and Refractive Surgery* 2017 43 (10), pp. 1257-1262

3.528

9. Sideroudi, H., Labiris, G., Georgantzoglou, K., Ntonti, P., **Siganos, C.**, Kozobolis, V. Fourier analysis algorithm for the posterior corneal keratometric data: clinical usefulness in keratoconus. *Ophthalmic and Physiological Optics* 2017, 37 (4), pp. 460-466.

3.992

10. Lubbad A, Giarmoukakis A, Skatharoudi C, Nikos Astyrakakis N., **Siganos CS**. Long term Results of Pterygium Excision using different surgical techniques. A Retrospective study. *J Clin Exp Ophthalmol* 2017, 8:1

1.22

11. Tsiklis N, Siganos DS, Lubbad A, Kozobolis VP, **Siganos CS**. Long Term Follow-up of Limbal Transplantation for Unilateral Chemical Injuries: 1997-2014. *J Clin Exp Ophthalmol* 2016, 7:621

1.22

12. Tsiklis NS, Zoras O, Koutsopoulos A, **Siganos CS**. Long Term Outcome of Surgical Excision of Conjunctival Melanoma Combined with Mitomycin C Use: A Case Report. *J Clin Case Rep* 2016, 6:878.

0.54

13. Sideroudi H, Labiris G, Georgatzoglou K, Ditzel F, **Siganos C**, Kozobolis V. Fourier analysis of videokeratography data: Clinical usefulness in grade I and subclinical keratoconus. *J Cataract Refract Surg*. 2016 May;42(5):731-7.

2.722

14. Kozobolis V, Sideroudi H, Tsaragli E, Georgatzoglou K, **Siganos C**, Lambiris G. Keratoconus & Cross Linking (Editorial). *Adv Ophthalmol Adv. Ophthalmol Vis Syst* 2016;4(3): 92-93
15. Dastiridou AI, Ginis H, Tsilimbaris M, Karyotakis N, Detorakis E, **Siganos C**, Cholevas P, Tsironi EE, Pallikaris IG. Ocular rigidity, ocular pulse amplitude, and pulsatile ocular blood flow: The effect of axial length. *Invest Ophthalmol Vis Sci* 2013;54(3):2087-92.

3.66

16. Kymionis GD, Kankariya VP, Diakonis VF, Karavitaki AE, **Siganos CS**, Pallikaris IG. Descemet stripping automated endothelial keratoplasty in a child after failed penetrating keratoplasty. *J AAPOS* 2012;16(1):95-6.

0.99

17. Coskunseven E, Kymionis GD, Tsiklis NS, Atun S, Arslan E, **Siganos CS**, Jankov M, Pallikaris IG. Complications of intrastromal corneal ring segment implantation using a femtosecond laser for channel creation: A survey of 850 eyes with keratoconus. *Acta Ophthalmol* 2011;89(1):54-7.2.629

2.63

18. **Siganos CS**, Tsiklis NS, Miltsakakis DG, Georgiadis NS, Georgiadou IN, Kymionis GD, Pallikaris IG. Changing indications for penetrating keratoplasty in Greece, 1982-2006: A multicenter study. *Cornea* 2010;29(4):372-4.

2.10

19. Prokopakis EP, Vardouniotis AS, Karatzanis AD, Malandrakis SG, **Siganos CS**, Velegrakis GA. Long-term results of intranasal laser-assisted dacryocystorhinostomy with the use of a surgical microscope. *Auris Nasus Larynx* 2010;37(1):66-70.

1.24

20. Kymionis GD, Diakonis VF, Kalyvianaki M, Portaliou D, **Siganos C**, Kozobolis VP, Pallikaris AI. One-year follow-up of corneal confocal microscopy after corneal cross-linking in patients with post laser in situ keratosis ectasia and keratoconus. *Am J Ophthalmol* 2009;147(5):774,778.e1.2010 Impact Factor : \

4.293

21. Kymionis GD, Bouzoukis DI, Haft P, **Siganos CS**, Yoo S. Intrastromal corneal ring segments for the treatment of irregular astigmatism. *Expert Rev Ophthalmol* 2008;3(1):9-15.

0.40

22. Kymionis GD, Bouzoukis DI, Diakonis VF, **Siganos C**. Treatment of chronic dry eye: Focus on cyclosporine. *Clin Ophthalmol* 2008;2(4):829-36.

0.39

23. Kymionis GD, **Siganos** CS, Tsiklis NS, Anastasakis A, Yoo SH, Pallikaris AI, Astyrakakis N, Pallikaris IG. Long-term follow-up of intacs in keratoconus. *Am J Ophthalmol* 2007;143(2):236-244.
3.102
24. Papadaki TG, **Siganos** CS, Zacharopoulos IP, Panteleontidis V, Charissis SK. Human amniotic membrane transplantation for tube exposure after glaucoma drainage device implantation. *J Glaucoma* 2007;16(1):171-2.
2.24
25. Kymionis GD, Tsiklis NS, Pallikaris AI, Kounis G, Diakonis VF, Astyrakakis N, **Siganos** CS. Long-term follow-up of intacs for post-LASIK corneal ectasia. *Ophthalmology* 2006;113(11):1909-17.
5.3
26. Landau D, **Siganos** CS, Mechoulam H, Solomon A, Frucht-Pery J. Astigmatism after mersilene and nylon suture use for penetrating keratoplasty. *Cornea* 2006;25(6):691-4.
1.70
27. Kymionis GD, Tsilimbaris MK, Iliaki OE, Christodoulakis E, **Siganos** CS, Pallikaris IG. Treatment of atopic eyelid disease using topical tacrolimus following corticosteroid discontinuation in a patient with open-angle glaucoma. *Cornea* 2004;23(8):828-30.
1.47
28. Kymionis GD, **Siganos** CS, Pallikaris IG. Late onset of serologic positive titers in a patient with parinaud's oculoglandular syndrome. *Semin Ophthalmol* 2004;19(3-4):125-6.
0.41
29. Kozobolis VP, Christodoulakis EV, Naoumidi II, **Siganos** CS, Detorakis ET, Pallikaris IG. Study of conjunctival goblet cell morphology and tear film stability in pseudoexfoliation syndrome. *Graefe's Arch Clin Exp Ophthalmol* 2004;242(6):478-83.
1.85
30. Frucht-Pery J, Mechoulam H, **Siganos** CS, Ever-Hadani P, Shapiro M, Domb A. Iontophoresis-gentamicin delivery into the rabbit cornea, using a hydrogel delivery probe. *Exp Eye Res* 2004;78(3):745-9.
2.579
31. Kymionis GD, Aslanides IM, **Siganos** CS, Pallikaris IG. Intacs for early pellucid marginal degeneration. *J Cataract Refractive Surg* 2004;30(1):230-3.
2.06
32. Naoumidi I, Papadaki T, Zacharopoulos I, **Siganos** C, Pallikaris I. Epithelial ingrowth after laser in situ keratomileusis: A histopathologic study in human corneas. *Arch Ophthalmol* 2003;121(7):950-5.
1.47
33. Solomon A, Chowers I, Raiskup F, **Siganos** CS, Frucht-Pery J. Inadvertent conjunctival trauma related to contact with drug container tips: A masquerade syndrome. *Ophthalmology* 2003;110(4):796-800.
3.162

34. Kymionis GD, **Siganos CS**, Kounis G, Astyrakakis N, Kalyvianaki MI, Pallikaris IG. Management of post-LASIK corneal ectasia with intacs inserts: One-year results. *Arch Ophthalmol* 2003;121(3):322-6.
3.203
35. **Siganos CS**, Kymionis GD, Kartakis N, Theodorakis MA, Astyrakakis N, Pallikaris IG. Management of keratoconus with intacs. *Am J Ophthalmol* 2003;135(1):64-70.
1.75
36. Panda A, Sudan R, **Siganos CS**, Kozobolis VP, Christodoulakis EV. Comment on intraoperative use of mitomycin C in excision of ocular surface neoplasia with or without limbal autograft transplantation [2] (multiple letters). *Cornea* 2002;21(8):840-2.
1.46
37. Kozobolis VP, **Siganos CS**, Christodoulakis EV, Lazarov NP, Koutentaki MG, Pallikaris IG. Two-site phacotrabeculectomy with intraoperative mitomycin-C: Fornix- versus limbus-based conjunctival opening in fellow eyes. *J Cataract Refractive Surg* 2002;28(10):1758-62.
1.52
38. Pallikaris IG, Kymionis GD, Panagopoulou SI, **Siganos CS**, Theodorakis MA, Pallikaris AI. Induced optical aberrations following formation of a laser in situ keratomileusis flap. *J Cataract Refractive Surg* 2002;28(10):1737-41.
1.52
39. Velegrakis GA, Prokopakis EP, Panayotaki I, Pagalos AG, **Siganos CS**, Helidonis ES. Intranasal laser-assisted dacryocystorhinostomy with the use of a surgical microscope. *Am J Otolaryngol Head Neck Med Surg* 2002;23(5):272-6.
1.159
40. **Siganos DS**, Popescu CN, **Siganos CS**, Pistola G. Tear secretion following excimer laser in situ keratomileusis. *J Refractive Surg* 2002;18(2):124-6.
2.307
41. **Siganos CS**, Kymionis GD, Astyrakakis N, Pallikaris IG. Management of corneal ectasia after laser in situ keratomileusis with intacs. *J Refractive Surg* 2002;18(1):43-6.
2.307
42. **Siganos CS**, Kozobolis VP, Christodoulakis EV. The intraoperative use of mitomycin-C in excision of ocular surface neoplasia with or without limbal autograft transplantation. *Cornea* 2002;21(1):12-6.
1.46
43. Kozobolis VP, Christodoulakis EV, **Siganos CS**, Pallikaris IG. Hemorrhagic descemet's membrane detachment as a complication of deep sclerectomy: A case report. *J Glaucoma* 2001;10(6):497-500.
1.371
44. Pallikaris IG, Panagopoulou SI, **Siganos CS**, Molebny VV. Objective measurement of wavefront aberrations with and without accommodation. *J Refractive Surg* 2001;17(5):S602-7.
1.60

- 45. Siganos DS, Popescu CN, Siganos CS, Pistola G.** Tear secretion following spherical and astigmatic excimer laser photorefractive keratectomy. *J Cataract Refractive Surg* 2000;26(11):1585-9.
1.45
- 46. Siganos DS, Siganos CS, Popescu CN, Margaritis VN.** Clear lens extraction and intraocular lens implantation in marfan's syndrome. *J Cataract Refractive Surg* 2000;26(5):781-4.
1.45
- 47. Pallikaris IG, Tsilimbaris MK, Siganos CS.** Seminars in ophthalmology: Introduction. *Semin Ophthalmol* 2000;15(3):129.
0.78
- 48. Solomon A, Siganos CS, Frucht-Pery J.** Adverse ocular effects following influenza vaccination [9]. *Eye* 1999;13(3 A):381-2.
0.85
- 49. Solomon A, Siganos CS, Frucht-Pery J.** Corneal dynamics after single interrupted suture removal following penetrating keratoplasty. *J Refractive Surg* 1999;15(4):475-80.
1.85
- 50. Frucht-Pery J, Goren D, Solomon A, Siganos CS, Mechoulam H, Solomon A, Ever-Hadani P, Shapiro M.** The distribution of gentamicin in the rabbit cornea following iontophoresis to the central cornea. *J Ocul Pharmacol Ther* 1999;15(3):251-6.
0.76
- 51. Solomon A, Siganos CS, Frucht-Pery J.** Relaxing incision guided by videokeratography for astigmatism after keratoplasty for keratoconus. *J Refractive Surg* 1999;15(3):343-8.
1.85
- 52. Frucht-Pery J, Siganos CS, Solomon A, Shvartzenberg T, Richard C, Trinquand C.** Topical indomethacin solution versus dexamethasone solution for treatment of inflamed pterygium and pinguecula: A prospective randomized clinical study. *Am J Ophthalmol* 1999;127(2):148-52.
2.01
- 53. Siganos DS, Popescu CN, Siganos CS, Margaritis VN.** Seven years experience with LASIK for myopia. *Oftalmologia* 1999;47(2):50-2.
0.55
- 54. Klang SH, Siganos CS, Benita S, Frucht-Pery J.** Evaluation of a positively charged submicron emulsion of piroxicam on the rabbit corneum healing process following alkali burn. *J Control Release* 1999;57(1):19-27.
2.05
- 55. Frucht-Pery J, Siganos CS, Solomon A, Scheman L, Brautbar C, Zauberman H.** Limbal cell autograft transplantation for severe ocular surface disorders. *Graefes Arch Clin Exp Ophthalmol* 1998;236(8):582-7.
0.91
- 56. Siganos CS, Frucht-Pery J, Muallem MS, Berenshtein E, Naoumidi I, Ever-Hadani P, Pallikaris IG, Siganos DS, Chevion M.** Topical use of zinc

desferrioxamine for corneal alkali injury in a rabbit model. *Cornea* 1998;17(2):191-5.
1.386

57. Chowers I, **Siganos CS**, Solomon A, Frucht-Pery J. Deep stromal inflammation - A possible new ocular manifestation of Crohn's disease. *Ocul Immunol Inflamm* 1998;6(1):59-62.
0.554
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D4. Greek Journal Publications (Δ4)

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1. Coskunseven E, Kymionis GD, Tsiklis NS, Atun S, Arslan E, **Siganos CS**, Jankov M, Pallikaris IG. Complications of intrastromal corneal ring segment implantation using a femtosecond laser for channel creation: A survey of 850 eyes with keratoconus. Acta Ophthalmol 2009.
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6. **Χ. Σιγανός**. Η μακροχρόνια εμπειρία της μεταμόσχευσης ΣΚΟ και βλαστικών κυττάρων επιθηλίου κερατοειδούς. Οφθαλμοχειρουργικές Σημειώσεις, Εταιρεία Ενδοφακών και Διαθλαστικής Χειρουργικής, Ιούνιος 2018.

Citations – Indices - Impact factors

Total Impact factor 126,701 for a sum of 64 publications out of 68, Mean Impact factor: 1,97

Author – co-author order in 73 publications (68 Index Medicus, 5 secondary publications)

First, second or last: 39 (53,4 4%)

Other: 34 (46,5 %)

Citations:

2097 (Scopus), **2535** (Research Gate) **3548** (Google Scholar)

H-index: **25** (Scopus) **27**(Research Gate), **32** (Google Scholar)

Surgical Procedures performed till December 31,2022:

1. University Hospital OR:

4.432 surgical procedures

Cataract Surgery (70%)

- Phacoemulsification

Corneal transplantation surgery (15%):

- Penetrating Keratoplasty
- Endothelial Keratoplasty (DSAEK)

Ocular Surface Surgery (10%)

- Limbal stem cell transplantation
- Amniotic membrane transplantation
- Pterygium surgery (MMC, conjunctival grafts, amniotic grafts): about 130 cases
- Other Ocular surface neoplasia

Corneal surgery other than transplantation (5%)

- Intracorneal rings for myopia and keratoconus (about 60 cases)
- Corneal reconstruction (NHED, perforation, Salzmann degeneration, band keratopathy etc.)

2. Refractive Surgery Unit:

1872 procedures

Laser Refractive Surgery

- LASIK (Microkeratome and Femtosecond Laser assisted)
- PRK (with and without Mitomycin C)

Cross Linking for Keratoconus and keratoconus (10%)

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<u>ACTIVITY</u>	<u>GREEK</u>	<u>INTERNATIONAL</u>
PRESENTATIONS	33	66
ROUND TABLES - LECTURES	52	18
PUBLICATIONS (Clinical & Experimental Research)	9	68 + 5 secondary
BOOK CHAPTERS - THESES	3	7
CONFERENCES ORGANIZATION	11	12
PUBLISHED ESSAYS	5	7 + Guest Editor 1
EDITING IN BOOK CHAPTERS	2	
<u>CLINICAL & RESEARCH FELLOWSHIP</u>	-	<i>Hadassah University Hospital, Jerusalem 3 years in Cornea & External Eye Disease and 6 months in Surgical Retina</i>
<u>COURSES (as a trainee)</u>	-	7
<u>COURSES</u> <u>(Course Instructor)</u>	41	37
<u>SABBATICAL (2016)</u>	VISITING PROFESSOR	DEPARTMENT OF OPHTHALMOLOGY, HADASSAH UNIVERSITY HOSPITAL

<u>SABBATICAL (2022)</u>	VISITING PROFESSOR	DEPARTMENT OF OPHTHALMOLOGY, HADASSAH UNIVERSITY HOSPITAL
<u>Instructor in Undergraduate Medical Students Course</u>	Head Instructor for the Ophthalmology course during the last 15 years	Clinical Instruction for Ophthalmology Residents (1998 – to date) Examiner in Committee for Greek License in Ophthalmology (2014-2016)
<u>Postgraduate Medical Students Courses</u>	Teaching in Joint Post Graduate Program “Vision and Optics” (University of Crete 2003-2018) Teaching in Post Graduate Program “Eye Surgery” University of Thessaloniki (2022) Examiner in Post Graduate Program “Medical Illustration in Ophthalmology” University of Thrace	Theses Defense participation (Supervisor and/or Examiner) PhD Theses (24) MSc Theses (53)
<u>Post graduate Course for Continuous Education (University of Crete) for Ophthalmologists</u>	2015 (16 hours)	<u>Subjects:</u> Amniotic Membrane Transplantation Multifocal IOLs Intracorneal inlays Femtosecond Laser
<u>Scientific Director University (Research Programs</u>	1.KA 3171 «Corneal Refractive Surgery” laboratory of Vision & Optics 2016-2023	

	2. KA 3980 « [DRY EYES - CORNEAL & OCULAR SURFACE DISEASES (OSD)]» Clinical trial ended: 31/12/15. 3. KA 11252 “Application of Corneal Cross Linking with UV Light and Riboflavin installation as a Therapeutic approach for Corneal Disease” 19/12/2022 - 2024	
Administration and management	- Head of Cornea Unit (University Hospital of Heraklion, Crete) - Eye Bank Director (University Hospital of Heraklion, Crete) - Head of Refractive Surgery Unit - Head of Cornea Transplantation Unit Substitute Chairman of eye Clinic: 01/02/09-31/07/09	
Surgical Procedures	Heraklion University Hospital (1998-2022): 4.432 Surgeries Refractive Unit: 1.872 HADASSAH HOSPITAL (1994-1997): 171	
INTERNATIONAL PUBLICATIONS: 68 (INDEX MEDICUS) + 5 NOT IN IM)		
CITATIONS = 2097, H- INDEX = 25, Total Impact Factor: 126,701 – Mean: 1,97 (SCOPUS) CITATIONS =2535, H INDEX = 27 (RESEARCH GATE) CITATIONS = 3548, H-INDEX = 32 (GOOGLE SCHOLAR)		
Founding member of the International Ocular Surface Society – Sole Member from Greece (Member with Thesis) of the Cornea Society (Former Castroviejo Cornea Society)		
AWARDS – HONORARY COMMENTS	3	10