

Current positions:

Professor of Ophthalmology - Faculty of Medicine- Mansoura University, Egypt

Consultant of Cornea and Refractive Surgery, Mansoura Ophthalmic Center.

Director of Mansoura Ophthalmic Center, Mansoura University

Private Work:

- *Al Nokhba Center for LASIK and Eye Surgery, Mansoura, Egypt
(One of the management board)*
- *Private Clinics: Cairo, Mansoura and El Mahala, Egypt*

Subspeciality:

- *Clinical: Cornea and Refractive Surgery (Special interest in Keratoconus).*
- *Basic: Ocular Hemodynamics and Glaucoma.*

Under Graduate Education:

1. *Elementary Education : Egypt and Saudi Arabia (1979-1985)*
2. *Lower secondary Education :Saudi Arabia (1985-1988)*
3. *Upper secondary Education: Saudi Arabia (1988-1991) and achieved the highest score allover the kingdom.*

Scientific Qualifications (Degrees Obtained):

1. *M.B., B.ch. (November 1997) , (Excellent with honor)*

Faculty of Medicine, Mansoura University, Egypt.

2. *Master Degree of Ophthalmology (November 2002),(very good)*

Faculty of Medicine, Mansoura University ,Egypt.

3. *Doctorate in Medicine, Faculty of Medicine, Geneva University (April 2007)*

4. *Doctorate in Ophthalmology, Faculty of Medicine, Mansoura University (May 2008), with a paid scholarship from the Ministry of Higher Education in Egypt.*

Scientific Missions:

- 1. Paid scholarship** from the Ministry of Higher Education in Egypt for Doctorate degree, **Geneva University, Switzerland** (3/2/2006-10/5/2008)
- 2. Course program** in Keratoplasty, Keratoprothesis and Phacoemulsification, **Odessa, Ukraine** (18/5-29/5/2009). (a part of agreement of Scientific Exchange)
- 3. ICO Fellowship Diploma** in Cornea and External Diseases, *New York Eye and Ear Infirmary, USA, 2011* (Grant from *International Council of Ophthalmology (ICO)*)
- 4. Paid travel from Mansoura University** for sharing in international congresses for active sharing with **ACCEPTED** scientific papers (2009,2010,2012,2013,2015,2016)

Other Qualifications and Experiences:

- **Certificat d'Authenticite de Dipolme** (Equivalence of the medical degrees obtained from Egypt) : verified from Faculty of Medicine, Geneva University, (May 2006).
- **International Basic Science Assessment for Ophthalmologists** (*International Council of Ophthalmology*, Geneva examination center, April 2007): Passed with MERIT (one of the highest 13 scores all over the world).
- **International Clinical Science Assessment for Ophthalmologists** (*International Council of Ophthalmology*, Cairo examination center, April 2008).
- **2nd part of FRCS of Glasgow, Ophthalmology. Passed at September, 2010**
- International **TOEFL** (*AMIDEAST* Center ,Cairo, Egypt) (November 2004) (Score = 233)
- French language course, (French Cultural Center), Mansoura, Egypt 2003
- International Computer Driving License (**ICDL**) (Issued by the *UNESCO* Cairo Office) (March 2005)

- Training course in **Scientific Research**, Mansoura University, Egypt, 2004.
- Training course in preparation of the university **Staff Member**, Mansoura University, Egypt, 2005.
- Courses of Faculty and Leadership Development Project (**FLDP**), Mansoura University, 2008-2013
- Member of the association of the **staff member coming from abroad**, Mansoura University.
- Course of **Health Insurance Portability and Accountability Act (HIPPA)** accredited by the American Academy of Professional Coders (AAPC). 2011
- **ICO Fellowship Diploma** in Cornea and External Diseases, *New York Eye and Ear Infirmary, USA, 2011.*
- **Diploma in recognition of delivering the SOE lecture**, European Society of Ophthalmology, 2012.
- **Online Course: Transforming Lectures into Effective Teaching Interventions organized by ICO (5 May – 27 June 2014)**
- **European Leadership Development Program (EuLDP) organized by SOE ,2013-2015**
- **Member of Scientific Reviewers of the committee of upgrading professors and assistant professors of ophthalmology, Ministry of higher education of Egypt.**
- **Member of Student Affairs Committee, Faculty of medicine, Mansoura University**
- **Member of Scientific Reviewers of Institutional research board (IRB), Faculty of Medicine, Mansoura University**
- **Member of Scientific Protocol Review Committee, Ophthalmology department**

- Coordinator of the **Quality Assurance** of Ophthalmology department, Mansoura University (active sharing in course specification and log book)

Professional Experience:

1. *House officer* in Mansoura University Hospital (1/3/1998 – 28/2/1999).
2. *General Practitioner* in Ministry of Health (1/3/1999 – 4/7/1999).
3. *Resident Registrar* in Ophthalmology Department, Mansoura University (5/7/1999 – 21/12/2002)
4. *Clinical demonstrator* in Ophthalmology Department, Mansoura University (22/12/2002 -21/3/2003).
5. *Assistant lecturer of Ophthalmology* in Ophthalmology Department, Mansoura University (22/3/2003 –26/8/2008).
6. *Clinical Research Fellow (for doctorate thesis), in Geneva Ophthalmology Clinic ,Geneva University Hospital (HUG) (5/2/2006 –5/6/2007)*
7. *Lecturer of Ophthalmology* in Ophthalmology Department, Mansoura University (26/8/2008-29/12/2013).
8. *Assistant Professor of Ophthalmology* in Ophthalmology Department, Mansoura University (30/12/2013-22/1/2019).
9. *Professor of Ophthalmology* in Ophthalmology Department, Mansoura University (23/1/2019 till now).
10. *Clinical Fellow in Cornea, External eye diseases and Refractive surgery service, Ophthalmology department, New York Eye and Ear Infirmary, USA (1/2/2011-30/4/2011).*
11. *Vice Director of Mansoura Ophthalmic Center, Mansoura University (19/5/2016-19/5/2018).*
12. *Director of Mansoura Ophthalmic Center, Mansoura University (1/8/2019 till now)*

Membership of Scientific Associations

- 1) Member of *Egyptian Medical Syndicate (EMS)* since 1999.
- 2) Member of *Egyptian Ophthalmology Society (EOS)* since 2001.
- 3) Member of *Delta Ophthalmological Society of Egypt (DOSE)* since 2000.
- 4) Member of *Egyptian Glaucoma Society (EGS)* since 2001.
- 5) Member of *Egyptian Society of Ocular Implant and Refractive Surgery (ESOIRS)* since 2001
- 6) Member of *American Academy of Ophthalmology (AAO)*, since 2006
- 7) Member of *International Society of Refractive Surgery of the American Academy of Ophthalmology (ISRS/AAO)* since 2006
- 8) Member of *American Society of Cataract and Refractive Surgery (ASCRS)*, since 2006
- 9) Member of *European Society of Cataract and Refractive Surgery (ESCRS)*, since 2006
- 10) Member of *Contact Lens Association of Ophthalmologists (CLAO)*, since 2006
- 11) Member of *British Contact Lens Association (BCLA)* , since 2006
- 12) Member of *National Glaucoma Society (NGS)* , since 2006
- 13) Member of *European Association for Vision and Eye Research (EVER)*, since 2006

Journals Participations

Chief Editor Of Egyptian Journal Of Ophthalmology

- International Journal of Ophthalmic Research (Editor)
<http://www.ghrnet.org/index.php/IJOR/about/editorialTeam>
- Ophthalmology and Ophthalmic Surgery (Editor)
<http://www.scientificliterature.org>
- Asia-Pacific Journal of Ophthalmology (Reviewer)
<http://www.apjo.org/Apjo/index.html>
- International Journal of Ophthalmology (Reviewer)
<http://www.ijo.cn/gjyken/ch/index.aspx>

- Current Eye Research (Reviewer)
<http://www.tandfonline.com/loi/icey20>
- Scientific Reports (Reviewer)
<https://www.nature.com/srep>
- Ophthalmology Research: An International Journal (Reviewer)
<http://www.sciencedomain.org/journal/23>

Professional activities

- **Attendance of Conferences, Symposia & Scientific Meetings:**
 - 1.* Annual meeting of Egyptian Ophthalmology Society (**EOS**) Cairo
 - 2.* Annual summer meeting of Egyptian Ophthalmology Society (**EOS**) ,Alexandria
 - 3.* Circular meetings of Delta Clinical Ophthalmological Society of Egypt
 - 4.* Scientific meetings of Ophthalmic Hospitals- Egyptian Ministry of Health.
 - 5.* Annual Scientific meetings of Ophthalmic departments in Egyptian Universities
 - 6.* Scientific meetings of Ophthalmic departments in Egyptian Military Hospitals
 - 7.* Annual meetings of Egyptian Society of Cataract and Corneal diseases **ESC& CD.** (Cairo).
 - 8.* Annual meetings of Egyptian society of Ocular Implants and Refractive surgery **ESOIRS** (Alexandria).
 - 9.* Annual meeting of Egyptian Society of Glaucoma (**ESG**) (Cairo)
 - 10.* Annual meeting of Egyptian Group of Pediatric Ophthalmology (**EGPO**) (Cairo).
 - 11.* Annual Scientific meetings of Faculty of Medicine, Mansoura University.
 - 12.* Annual Joint meeting of Ukraine & Egypt, Mansoura.
 - 13.* Scientific meetings of Geneva Ophthalmology Clinic, 2006 - 2007
 - 14.* Meetings of (Programme de formation post-gradueé et continue), Geneva, 2006 - 2007
 - 15.* 8^{ème} Rencontre Romande du Glaucome , Genève, 2006 - 2007
 - 16.* Glaucoma Basel Meeting, Basel, Switzerland, 2006

17. Symposium Genevois du Glaucome, Geneve, Switzerland, 2007.
18. International conference of Filatove institute of ophthalmology, Odessa, Ukraine, 2009
19. EVER Congress, Portoroz, Slovenia, 2009
20. EVER Congress, Crete, Greece, 2010
21. ASCRS Congress, San Diego, USA. 2011
22. ESCRS Congress, Vienna, Austria, 2011
23. 16th Afro Asian congress of ophthalmology, Istanbul, Turkey, 2012
24. ESCRS Congress, Milan, Italy, 2012
25. Erbil international ophthalmic congress, Iraq, 2012
26. ESCRS Congress, Warsaw, Poland, 2013
27. European Society of Ophthalmology (SOE), Copenhagen, Denmark, 2013
28. EVER Congress, Nice, France, 2013
29. ESCRS Congress, London, UK, 2014
30. SOE Congress, Vienna , 2015
31. ESCRS Congress, Barcelona, Spain, 2015
32. China -League of Arab States: International Forum of Ophthalmology (CLASIFO)
Yinchuan, China, 2015
33. ESCRS Congress, Athens, Greece, 2016
34. ESCRS Congress, Lisbon, Portugal, 2018
35. ESCRS Congress, Paris, France, 2019

- **Organization of scientific activities**

1. Organization of the 4th international Ophthalmological Congress of Mansoura Ophthalmic center with the conjunction of Egyptian Ophthalmological Society, 2009
2. Wet lab in phacoemulsification and foldable IOL implantation with the conjunction of Egyptian Ophthalmological Society, Mansoura Ophthalmic Center, 2010

3. Instruction course in fitting of different types of contact lens with the conjunction of Egyptian Ophthalmological Society, Mansoura Ophthalmic Center, 2010
4. Organization of the 5th international Ophthalmological Congress of Mansoura Ophthalmic center with the conjunction of Egyptian Ophthalmological Society,2010
5. Instruction course and wet lab: Anterior Segment Trauma, Mansoura Ophthalmic Center, 2016
6. Instruction course and wet lab: Corneal Infection, Mansoura Ophthalmic Center, 2016
7. Instruction course: Methods of examinations and common diseases of posterior segment of the eye.
8. Organization of the international Ophthalmological Congress of Mansoura Ophthalmic center with the conjunction of Egyptian Ophthalmological Society,2018,2019

- **Presentations, Posters and Courses**

1. Oral Presentation (Safety and Efficacy of Rose K lens in Keratoconus): ESORS conference, Alexandria, Egypt 2002
2. Discussion of the Master thesis, Mansoura, Egypt, 2002
3. Poster (Rose K Lens fitting in Keratoconus)
Annual Scientific meeting of Mansoura Ophthalmology department, Egypt, 2003
4. Oral Presentation (Contact Lens Fitting in Keratoconus)
Annual Joint meeting of Ukraine & Egypt, Mansoura.2004
5. Oral Presentation (Angiopathic effect of Glaucoma Risk Factors in Optic Nerve Head Hemodynamic ,Color Doppler Study) Geneva, Switzerland 2006
6. Instruction course (Online CE Credits.com): Contact lenses in Keratoconus.
7. Discussion of Doctorate thesis, Geneva, Switzerland, 2007 (accepted with excellent degree).
8. Discussion of Doctorate thesis, Mansoura, Egypt, 2007 (accepted with excellent degree).

9. Oral presentation (Ocular Hemodynamics in Diabetic patients with and without POAG. Annual Joint meeting of Ukraine & Egypt, Mansoura, 2008
10. Case presentation (Bitemporal Hemianopia), Delta ophthalmological Clinical Meeting, Mansoura, 2008
11. Oral Presentation (Ocular hemodynamics in glaucoma and glaucoma risk factors) Egyptian Ophthalmological Society Meeting, 2009
12. Instruction course (Challenges in fitting of Keratoconus), Egyptian Ophthalmological Society Meeting, 2009
13. Oral Presentation (Ocular hemodynamics in glaucoma and glaucoma risk factors) EVER Meeting, Slovenia, 2009
14. Oral presentation (Assessment of Ocular hemodynamics in Glaucoma), Glaucoma Congress , Mansoura 2009
15. Oral presentation (Endothelial cell analysis in different grades of keratoconus), Alexenderia, 2010
16. Oral presentation (Fitting of challenging corneas with special design of RGP lens), Greece, 2010 (one of the best 15 papers with travel grant).
17. Oral presentation: Evaluation of Rigid Gas Permeable (RGP) Lens fitting in Keratoconic Patients with Optical Coherence Tomography (OCT), Vienna, 2011
18. Oral presentation: Quantity and Quality of the Vision Following Riboflavin/Ultraviolet A Corneal Collagen Cross-linking in Keratoconic Patients, Vienna, 2011
19. E Poster: Fitting of challenging corneas with special design of RGP lens, Vienna, 2011.
20. Instruction course (Safe contact lenses), Egyptian Ophthalmological Society Meeting, 2012
21. Oral presentation: A progressive keratoconus: a great challenge. Delta ophthalmological Clinical Meeting, Cairo, 2012

22. Oral presentation: irregular cornea: a great challenge. 16th Afro Asian congress of ophthalmology, Istanbul, Turkey, 2012
23. Oral presentation: Corneal Endothelial Cell Analysis In Keratoconus Patients Wearing Different Types Of Contact Lenses. A Prospective Study. 16th Afro Asian congress of ophthalmology, Istanbul, Turkey, 2012 (moderator in the session)
24. Oral presentation: Riboflavin-UVA Corneal Collagen Cross-Linking (CXL) And Flat Fitting RGP Lens In Progressive Keratoconus. ESCRS Congress, Milan, Italy, 2012
25. Moderator and instructor: cornea and refractive surgery session. Erbil international ophthalmic congress, Iraq, 2012
26. Oral presentation: Dry eye and Contact lenses. Summer meeting of Egyptian Ophthalmological Society, 2012
27. E Poster: Fitting tips and tricks of challenging cases of keratoconus. ESCRS Congress, Milan, Italy, 2012.
28. E Poster: Outcomes of Riboflavin-UVA-Induced Corneal Collagen Cross-linking in Pediatric Patients. Subjective and Objective evaluation. ESCRS Congress, Warsaw, Poland, 2013.
29. E Poster: Predictive Factors Of Imported Donor Graft On Visual And Survival Outcome Of Penetrating Keratoplasty In Keratoconus. ESCRS Congress, Warsaw, Poland, 2013.
30. Oral presentation: CXL in Children. 17th meeting of Mansoura cataract and refractive surgery, 2013
31. Rapid Fire Presentation: Outcomes of Riboflavin-UVA-Induced Corneal Collagen Cross-linking in Pediatric Patients. Subjective and Objective evaluation. SOE Congress, Copenhagen, Denmark, 2013
32. E Poster: Predictive Factors Of Imported Donor Graft On Visual And Survival Outcome Of Penetrating Keratoplasty In Keratoconus. SOE Congress , Copenhagen, Denmark, 2013.

33. Oral presentation: Fitting tips and tricks of challenging cases of keratoconus. EVER congress, Nice, France, 2013.
34. Instruction course (Refractive Management of Keratoconus), Egyptian Ophthalmological Society Meeting, 2014
- 35.E Poster: Predictive Factors Of Visual And Topographic Outcome Of Corneal Collagen Cross Linking (CXL): ESCRS Congress, London, UK, 2014
- 36.E Poster: Clinical Performance Of A Semi Scleral Contact Lens Design In Irregular Cornea . ESCRS Congress, London, UK, 2014
- 37.Lecture: Decision Making In keratoconus: 18th meeting of Mansoura cataract and refractive surgery, 2015
- 38.Oral presentation: Refractive Lens Exchange With Spherical Intra Ocular Lenses (IOL) In Selected Cases of Keratoconus, SOE Congress, Vienna, 2015.
39. E Poster: Corneal changes study with optical coherence tomography (OCT) after different techniques of collagen cross-linking (CXL), SOE Congress, Vienna, 2015.
40. Oral presentation: Starting Keratoplasty in Mansoura Ophthalmic Center, graduation session of EuLDP, Vienna ,2015
- 41.Invited Speaker in China -League of Arab States: International Forum of Ophthalmology (CLASIFO), Yinchuan, China, 2015: Decision Making In keratoconus.
- 42.Chairperson in symposium: shifting to lamellar surgery, Summer Meeting of Egyptian Ophthalmological Society, Alexandria, 2015. Oral Presentation: Decision making in DALK.
43. Oral presentation: Visual Outcome Of Clear Lensectomy And Toric IOL Implantation After Corneal Collagen Cross-Linking In Progressive Keratoconus. ESCRS Congress, Athens, Greece, 2016

- 44.E Poster: Corneal changes with different RGP lens fittings after Riboflavin-UVA Corneal Collagen Cross-Linking (CXL) In Progressive Keratoconus. ESCRS Congress, Athens, Greece, 2016
45. Oral presentation: Objective And Subjective Outcome Of Clear Lensectomy with Toric IOL Implantation After Corneal Collagen Cross-Linking In Selected Cases Of Keratoconus. ARVO Egypt meeting, Cairo, 2016
46. Oral presentation: Refractive solutions of keratoconus. International Mansoura Congress, 2017
47. Chairperson and invited speaker: update in CXL, Ectasia day, Zagazig, 2017
48. Invited speaker: Pentacam, interpretation and clinical applications, Tanta University, 2017
49. Oral presentation: Do you have a trustful protocol for keratoconus? International Mansoura Congress, 2018
50. LASIK is still my preferred technique, Refractive symposium, annual meeting of EOS, 2018
51. New Horizons in refractive surgery of keratoconus, Afro Asian Congress, 2018
52. Decision making in keratoconus :Course Moderator, Afro Asian Congress, 2018
53. Mansoura -Paris corneal symposium video conference , moderator, 6th international Mansoura ophthalmology congress, 2019
54. Oral presentation: DALK , When and Why ?, Rod Elfarag congress, 2019
55. Oral presentation: Objective And Subjective Outcome Of Clear Lensectomy with Toric IOL Implantation After Corneal Collagen Cross-Linking In Selected Cases Of Keratoconus. ESCRS congress Paris, France 2019

- **Teaching activities**

1. Participation in writing and teaching of “Basics of Ophthalmology” and “Clinical Ophthalmology” for the undergraduate student at the 4th year
2. **Coordinator of Ophthalmology Module** in : **Manchester program** of Faculty of Medicine, Mansoura University.
3. **Problem Based Learning (PBL) in Manchester Program**
4. Teaching of Postgraduate and Fellowship students
 - * Basic: Optics and Refractions
 - * Clinical: Corneal Topography, Contact lenses, Cornea and Refractive Surgery
5. One of the Faculty (Authors) of (Online CE Credits.com): approved by a State University of New York, State College of Optometry.
<https://www.onlinececreditsnow.com/index.php?/main/show/302>
6. Academic Advisor of postgraduate students.
7. Coordinator of **ARAB BOARD** of ophthalmology, Ophthalmology department, Mansoura University
8. Coordinator and program director of **ICO fellowships** of in Mansoura Ophthalmic center.

- **Thesis Supervision**

1. Efficacy of combination of intrastromal and intracameral injections of amphotericin B in the treatment of severe fungal keratitis
2. Corneal epithelial thickness profile in keratoconus using optical coherence tomography
3. Corneal and lens densitometry in patients with keratoconus before and after corneal collagen cross-linking using scheimpflug camera
4. Evaluation of anterior segment parameters using pentacam in silicone oil-injected patients after pars plane vitrectomy
5. Evaluation of tear film changes after phacoamulsification by anterior segment optical coherence tomography
6. Subtenon versus intravitreal injection of triamcinolon for treatment of diabetic macular edema

7. New modalities in uveitis treatment
8. Anterior segment parameters assessment by pentacam before and after phacoemulsification
9. Corneal changes in keratoconus after cross- linking assessed by scheimpflug camera
10. Ocular tension measurement in keratoconus
11. Topographic evaluation of relatives of patients with keratoconus
12. Outcome of Penetrating Keratoplasty in Mansoura Ophthalmic Center
13. Phaco - Chopping in Cataract Surgery
14. Different Surgical Modalities in Management of Keratoconus

• **Thesis Arbitration**

1. Correlation between the corneal topographic parameters and the rigid gas permeable contact lens parameters in keratoconus fitting, Alexandria University
2. Corneal changes in keratoconus after cross- linking assessed by scheimpflug camera , Mansoura University
3. Comparison of endothelial changes postoperatively between torsional and longitudinal phacoemulsification, Alexandria University
4. Evaluation of current techniques of removal of corneal epithelium in photorefractive keratectomy, Alexandria University
5. Role of the pentacam scheimpflug camera in detection of early keratoconus, Menophya University
6. Topical versus Subconjunctival Injection of Antifungal Drugs in Treatment of Fungal Keratitis, Mansoura University
7. Comparison between corneal densitometry and topography after femtosecond laser assisted laser in situ keratomileusis versus small incision lenticular extraction, Alexandria university
8. Evaluation of IOL power calculation formulas for patients with long axial length after phacoemulsification surgeries, Suez canal University
9. Evaluation the correlation between macular thickness, axial length and refraction in Egyptian patients, Suez canal University
10. changes in ocular higher order aberrations (HOAs) after corneal collagen cross linking (CXL) for keratoconus (KC)., Tanta University
11. Valuation of tear film changes after phacoemulsification by anterior segment OCT, Mansoura university

12. Endothelial cell changes after corneal cross-linking in keratoconus, Alexandria University

- **Reviewing of Scientific Papers for Internatinal Journals:**
 - Effect of corneal mark features on toric intraocular lens alignment
 - Demographic, Clinical Characteristics and Severity of Keratoconus in China
 - Precise knowledge on presbyopic contact lenses
 - Impact of ultrasound and optical biometry on refractive outcomes of cataract surgery after penetrating keratoplasty in keratoconus
 - Evaluation of corneal power measurements obtained by three different devices
 - Endothelial parameters in central and peripheral cornea in patients wearing contact lenses
 - Predictability of Intraocular Lens Power Calculation for Cataract with Keratoconus. A Multicenter Study
 - Clinical characteristics and causes of visual impairment among patients in Northern Jordan,
 - Bilateral infectious keratitis after corneal collagen crosslinking for keratoconus" for International Journal of Ophthalmology.
 - Photochemical Kinetic Modeling for Oxygen-enhanced UV-light-activated Corneal Collagen Crosslinking
 - Self-made Fibrin Glue versus Commercial Fibrin Glue Kit for Limbal Conjunctival Autograft Adherence in Pterygium Surgery
 - Incidence of eye disorders in Petroleum industry of central India: A prospective study
 - Systematic Review and Meta-analysis comparing Modified Cross-linking and Standard Cross-linking for Treating Progressive Keratoconus
 - Association between Anterior Corneal Astigmatism and Posterior Corneal Astigmatism across age groups: A cross-sectional analysis
 - Comparison of the Efficacy of Botulinum Toxin Type A–Induced Temporary Protective Ptosis versus Tarsorrhaphy for Treatment of Persistent Corneal Epithelial Defects: A Pilot Study
 - Predictive Factors of Visual Outcome of Malaysian Cataract Patients; a Retrospective Study
 - Presenting features and Predictors of Visual Outcome: a story of 12,992 Malaysian cataract patients
 - Ocular Blood Flow and Influencing Factors for glaucoma
 - bstracts for the WOC2016 submitted program in the subspecialty area of Cornea, External Eye Diseases, and Eye Banking
 - Mitochondrial profile and responses to TGF-? ligands in Keratoconus
 - Effect of fluorescein instillation on various pachymetry values on Pentacam: an intervention-control study
 - Systemic prolidase activity and oxidative stress in keratoconus
 - Effects of moxaverine and placebo on ocular blood flow in humans.

- Ocular hemodynamic changes after single treatment with photodynamic therapy assessed with non-invasive techniques
- Retinal Capillary Blood Flow in Exfoliation Glaucoma
- Hypercapnia and retrobulbar blood flow velocities in normal tension glaucoma and healthy controls,

- **Thesis**

Master Thesis: (safety and efficacy of Rose K lens in Keratoconus), Ophthalmology department –Faculty of Medicine- Mansoura University, Egypt (June, 2002)

Doctorate Thesis: (Effect of glaucoma and glaucoma risk factors on choroidal hemodynamic), Ophthalmology department, Faculty of Medicine, Geneva University, Switzerland (March, 2007)

Doctorate Thesis: (Angiopathic effects of glaucoma risk factors on optic nerve head hemodynamic), Ophthalmology department, Faculty of Medicine, Mansoura University, Egypt (August, 2007)

Published Researches

https://www.researchgate.net/profile/Waleed_Samra/contributions

1. Abouelkheir HY, Badawi AE, Abdelkader AM, El-Kanishy A, Saleh S, Abou Samra WA, Kasem MA, Mokbel . Does the scleral encircling band provide a protective effect against the progression of diabetic retinopathy?.Int J Ophthalmol. 2019 Sep 18;12(9):1408-1414. doi: 10.18240/ijo.2019.09.06. eCollection 2019.
2. El Nokrashy A, Abou Samra W, Sobeih D, Lamin A, Hashish A, Tarshouby S, Lightman S, Sewelam A. Treatment of presumed trematode-induced granulomatous anterior uveitis among children in rural areas of Egypt.. Eye (Lond). 2019 Apr 3. doi: 10.1038/s41433-019-0428-9. [Epub ahead of print]
3. Mokbel T, Saleh S, Abdelkader M, El-Khouly SE, Abou Samra W, Mamdouh . Functional and anatomical evaluation of the effect of nepafenac in prevention of macular edema after phacoemulsification in diabetic patients.Int J Ophthalmol. 2019 Mar 18;12(3):387-392. doi: 10.18240/ijo.2019.03.06. eCollection 2019.

4. Abou Samra W, Mokbel T, Elwan M, Saleh S, Elwehidy A, Iqbal M, Ellayeh A. Two-stage procedure in the management of selected cases of keratoconus: clear lens extraction with aspherical IOL implantation followed by WFG-PRK. *Int J Ophthalmol.* 2018 Nov 18;11(11):1761-1767. doi: 10.18240/ijo.2018.11.05. eCollection 2018
5. Iqbal M, Elmassry A, Tawfik A, Abou Samra W, Elgharieb M, Elzembely H, Soliman A, Saad H, El Saman I, Saeed A, Farouk M, Tawfik T, Abou Ali A, Fawzy O. Analysis of the Outcomes of Combined Cross-Linking with Intracorneal Ring Segment Implantation for the Treatment of Pediatric Keratoconus. *Curr Eye Res.* 2018 Oct 26:1-10. doi: 10.1080/02713683.2018.1540706. [Epub ahead of print]
6. Eman Elhefney, Tharwat Mokbel, Waleed Abou Samra, Hanem Kishk, Tarek Mohsen and Amr El-Kannishy [Eur J Ophthalmol](#). Long-term results of Ahmed glaucoma valve implantation in Egyptian population 2018 Mar. doi: 10.1177/1120672117750059. [Epub ahead of print]
7. Elwan MM, Abd Elghafar AE, Hagraas SM, Abou Samra WA, Saleh SM. Long-term outcome of internal limiting membrane peeling with and without foveal sparing in myopic foveoschisis
8. *Eur J Ophthalmol.* 2018 Mar 1:1120672117750059. doi: 10.1177/1120672117750059. [Epub ahead of print]
9. Abou Samra WA, Badawi AE, Kishk H, Abd El Ghafar A, Elwan MM, Abouelkheir HY. Fitting Tips and Visual Rehabilitation of Irregular Cornea with a New Design of Corneoscleral Contact Lens: Objective and Subjective Evaluation. *J Ophthalmol.* 2018 Feb 1;2018:3923170. doi: 10.1155/2018/3923170
10. Badawy A, Samra WA, Abd Elghaffar A. Predictive Factors of the Standard Cross-linking Outcomes in Adult Keratoconus: One-Year Follow-Up, *journal of Ophthalmology*, 2017, Article ID 4109208, 7 pages, 2017. doi:10.1155/2017/4109208
11. Awad EA, Abou Samra WA, Torky MA, El-Kannishy AM. Objective and subjective diagnostic parameters in the fellow eye of unilateral keratoconus. [BMC Ophthalmol](#). 2017 Oct 6;17(1):186. doi: 10.1186/s12886-017-0584-2
12. Abou Samra WA, El Emam DS, Farag RK, Abouelkheir HY. Simultaneous versus Sequential Accelerated Corneal Collagen Cross-Linking and Wave Front Guided PRK for Treatment of Keratoconus: Objective and Subjective Evaluation. *J Ophthalmol.* 2016;2016:2927546.
13. Abou Samra WA, Awad EA, El Kannishy AH. Objective and Subjective Outcome of Clear Lensectomy With Toric IOL Implantation After Corneal Collagen Cross-Linking in Selected Cases of Keratoconus. *Eye Contact Lens.* 2016 Oct 3;

14. Abou Samra WA, El-Emam DS, Kasem MA. Clinical Performance of a Spherical Hybrid Lens Design in High Regular Astigmatism. *Eye Contact Lens*. 2016 Sep 22;
15. Sabry D, El-Kannishy A, Kamel R, Abou Samra W. Correlation Between En Face Optical Coherence Tomography Defects of the Inner Retinal Layers and Ganglion Cell Inner Plexiform Layer Analysis After Internal Limiting Membrane Peeling for Idiopathic Full-Thickness Macular Hole. *Invest Ophthalmol Vis Sci*. 2016 Jul 1;57(9):OCT444–50.
16. Mokbel T, Samra WA. Riboflavin-UVA Corneal Collagen Cross-Linking (CXL) and flat fitting RGP lens In Progressive Keratoconus. *International scientific-practical journal of Ophthalmology*, 2015(1), 59-67
17. Riva C, Samra WA, Pournaras, C. Pulsatile versus non pulsatile choroidal blood flow in Primary Open Angle Glaucoma (POAG)." *Acta Ophthalmologica* 92.s253 (2014): 0-0.
18. Abou Samra W, Shahin M, El-Awady H, El-Rahman AA, El-Toukhy N. Assessment of ocular hemodynamics after laser in situ keratomileusis using color Doppler imaging. *Int Ophthalmol*. 2014 Apr;34(2):269–75.
19. Elbendary AM, Abou Samra W. Evaluation of rigid gas permeable lens fitting in keratoconic patients with optical coherence tomography. *Graefes Arch Clin Exp Ophthalmol Albrecht Von Graefes Arch Klin Exp Ophthalmol*. 2013 Jun;251(6):1565–70.
20. Elwan MM, Ghanem AA, Abousamra WA. Outcome of a Single Intravitreal Bevacizumab Injection on the Visual Acuity and Course of Pars Plana Vitrectomy in Proliferative Diabetic Retinopathy. *Curr Eye Res*. 2013 Sep 27;
21. Abou Samra WA, Pournaras C, Riva C, Emarah M. Choroidal hemodynamic in myopic patients with and without primary open-angle glaucoma. *Acta Ophthalmol (Copenh)*. 2013 Jun;91(4):371–5.
22. Abou Samra WA. Long -Term Evaluation Of Rose K2 Contact Lens Wearers, *J. Ophthalmol. Soc. Egypt*, 2013(106): 54-59
23. Abou Samra WA . Safety And Efficacy Of Riboflavin-UVA-Induced Corneal Collagen Cross-Linking In Pediatric Patients. Objective And Subjective Evaluation. *Egyptian Journal of Cataract and Refractive Surgery*, 2013 April
24. Abou Samra WA. Visual And Survival Outcome Of Penetrating Keratoplasty In Keratoconus With Imported Donor Tissue. One-Year Results. *Egyptian Journal of Cataract and Refractive Surgery*, 2013 April

25. Abou Samra WA. Fitting tips and tricks of challenging cases of keratoconus." Acta Ophthalmologica 91.s252 (2013): 0-0.
26. Abou Samra WA. Corneal Endothelial Cell Analysis In Keratoconus Patients Wearing Different Types Of Contact Lenses. A Prospective Study , J. Ophthalmol. Soc. Egypt, 2012(105):161-166
27. Abou Samra WA. Quantity and Quality of the Vision Following Riboflavin/Ultraviolet A Corneal Collagen Cross-linking in Keratoconic Patients, J. Ophthalmol. Soc Egypt, 2011(104):41-47.
28. Abou Samra WA. Fitting Of Challenging Corneas With Special Design Of Rigid Gas Permeable (RGP) Lens, J. Ophthalmol. Soc. Egypt, 2011(104):35-40
29. Abou Samra WA. Hybrid Versus Rigid Gas Permeable Lens In Keratoconus: Objective and Subjective Evaluation, Delta J. of ophthalmology 2011(12):88-94
30. Abou Samra WA , Elwan MM. Endothelial Cell Analysis in Different Grades of Keratoconus. Specular Microscopy Study, J. Ophthalmol. Soc. Egypt, 2010; (103):67-73
31. Abou Samra WA , Fitting of challenging corneas with a special design of rigid gas permeable (RGP) lens, Acta Ophthalmologica, 2010 September, (88), Issue s246. doi: 10.1111/j.1755-3768.2010.2141
32. Abou Samra WA, Pournaras C, Riva C, Emarah M. Effect of glaucoma and glaucoma risk factors on choroidal hemodynamics. Acta Ophthalmologica, 2009 September, (87), Issue s244. doi: 10.1111/j.1755-3768.2009.2425
33. Abou Samra WA , Mokbel TH, Ellayeh AS, Elhefny EM. Safety and Efficacy of Rose K lens in Keratoconus: Egyptian Journal of Cataract and Refractive Surgery, 2002, October (8), No.2

- **Training courses and Workshops in Ophthalmology:**

- 1) Workshop in Ultrasound Phacoemulsification. ,Cairo, Egypt (2002-2005), (Mansoura ,Egypt ,2003)
- 2) Workshop in LASIK, (Cairo, Egypt, 2005)
- 3) Training course in : (Diagnostic Tools in Glaucoma) .Cairo,Egypt,2004
- 4) Training course in : Contact lenses (Fitting and Complications) .Cairo,Egypt,2004
- 5) Training course in : Microincision cataract surgery and lenses. Cairo,Egypt,2005

- 6) Training course in :Investigative Ophthalmology (OCT,HRT,ERG, visual field and ultrasound) Cairo,Egypt,2004
- 7) Training on LASER Doppler Flowmetry and its application in ophthalmology ,Geneva , Switzerland ,2006
- 8) 1st EGS European residents glaucoma course, Geneva, Switzerland, 2006
- 9) Course program in Keratoplasty, Keratoprothesis and Phacoemulsification, Odessa, Ukraine (18/5-29/5/2009).
- 10) Wet lab INTACS, ESCRS Congress, Milan, Italy, 2012.

- **Community and Chairity acivities**

- Active sharing in day of Blindness, 2009-217
- Active sharing in day of glaucoma, 2009-2017
- Active sharing in campaigns of early detection of diabetic retinopathies and glaucoma
- Community lectures in glaucoma, DM and cause of blindness
- Booklet for common eye disease (distributed in outpatient clinics in Mansoura ophthalmic center)
- Participation in delivery of imported corneal grafts to ophthalmic center and doing many cases of keratoplasty operations
- Donations with fluorescein ampules for ophthalmic center
- Member of the Association of Blindness prevention
- Medical convoy (your heath in your eyes) for school children in Dakahlyiah governate
- Signing a cooperation protocol with (TAHIA MISR) for donations for poor patients requiring keratoplasty operation in Mansoura ophthalmic center
- Active sharing in medical tribes to rural areas:
 - ✓ Stamon, Belkas, Dakahlyiah, 2008
 - ✓ Besendila,Belkas,Dakahlyiah, 2009
 - ✓ Wastany,Kafr saad, Dumiat, 2009

✓ Belkas, Dakahliah, 2010

- **University Partcipations**

- Registration of the Mansoura ophthalmic center as a certified center for training and fellowships from **international council of ophthalmology (ICO)**
- Active participation in **scientific agreement** between Mansoura ophthalmic center and Jules Gonin hospital, lussane, Switzerland

Academic Distinctions / Awards received

Prizes :

- 1) Prize of Ministry of Education, Saudi Arabia (for the highest score in upper secondary education allover the kingdom,1991)
- 2) Faculty of Medicine- Mansoura University, Egypt (scientific distinction,1999)
- 3) Prize of Faculty of Medicine, Geneva University, for the best MD thesis, 2008
- 4) Prize of Egyptian Medical Syndicate for the IDEAL staff (below 15 years teaching) in Faculty of Medicine, Mansoura University, 2009.
- 5) Travel grant for the best 15 papers. EVER congress, Greece, 2010.
- 6) Diploma and Voucher in recognition of delivering the SOE lecture. 2012
- 7) Prize of the best-published paper in Bulletin of Egyptian Ophthalmological society, 2012.
- 8) Grant to attend the European Leadership Development Program (**EuLDP**) organized by the **SOE**, 2013-2015

Appreciation Certificates:

- 1) Appreciation certificates for the undergraduate education years in Egypt and Saudi Arabia (1979-1991)
- 2) Faculty of Medicine- Mansoura University (scientific distinction, 1991-1999).
- 3) Ophthalmic center- Mansoura University (scientific and professional distinction, 2003)
- 4) Ophthalmic center- Mansoura University (professional distinction, patient care and Ophthalmic Center development, 2015)
- 5) Appreciation certificates for active sharing and outstanding contribution in China - League of Arab States: International Forum of Ophthalmology (CLASIFO), Yinchuan, China, 2015
- 6) Appreciation certificates from the faculty of medicine, Mansoura University for the active sharing and participation in the IRB committee.
- 7) Appreciation certificates from journal: ophthalmology research: an international journal for excellence in reviewing

Hobbies :Traveling and reading.

References

Egypt

Prof, Ashraf Swilam

Professor of Ophthalmology, Mansoura University

Vice President of Mansoura university for educational and research affairs

Prof, Taher Gamal

Professor of Ophthalmology, Mansoura University

Head of Ethical Committee, Mansoura University

Prof, Hisham Elserougy

Professor of Ophthalmology, Mansoura University

Head of Ophthalmology department, Mansoura University

Switzerland

Prof, Charles Riva

Head of Sion institute of eye research.

Prof, Constantin Pournaras

Head of vitreoretinal department, Geneva Ophthalmology Clinic.

USA

Prof. John Seedor

*Professor and Director of Cornea, External eye disease and Refractive Surgery Service,
Ophthalmology Department, New York Eye and Ear Infirmary, USA*