



CURRICULUM VITAE



JANUARY 1, 2023

Contact information

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Curriculum Vitae

Name: Maha Mohamed Othman Shahin

Date of birth: 11 November 1967

Place of birth: Dokki Giza

Citizenship: Egyptian

Current Employment: Mansoura University

Marital status: married- has 3 children

Mobile telephone: 002 010 198 8990

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Email: mahashahin@msn.com

Mother language: Arabic

Second language: English "Excellent"

French "Fair"

Hobbies: Traveling and reading.

H index: 12

Google scholar:

<https://scholar.google.com.eg/citations?user=v4Thk0oAAAAJ&hl=en&oi=ao>



Education:

1-M.B. BCh:

Faculty of Medicine, Mansoura University,
Mansoura, Egypt,
November 1991, very good with honor.

2-Master degree in ophthalmology:

Faculty of Medicine, Mansoura University,
Mansoura, Egypt,
November 1997, good.

MS thesis

Fluorescein Angiography in Macular Lesions

Supervisors:

Prof. Dr. Laila Othman (Cairo University)

Prof. Dr Eglal El-Said

Dr Sameer Sittien

3-Doctorate in ophthalmology: (MD)

Mansoura Faculty of Medicine – Medical College of Wisconsin USA. August 2004

MD Thesis “Risk Factors in Patients with Diabetic Retinopathy”

Supervisors:

Prof. Dr Ahmad Kessibah (MCW, USA)

Prof. DR. Eglal El-Said

Prof. Dr. Sameer Sittein

Dr. Hesham El-Sorougy

Post Graduate Positions:

- House officer: 1992 -1993
Mansoura University Hospital, Mansoura, Egypt
- Physician in Ministry of health: 1993-1994.
Mansoura, Egypt
- Resident: 1994-1997
Ophthalmology department, Mansoura University Hospital
Mansoura, Egypt
- Registrar: 30/5/1998- 21/6/ 1998
Ophthalmology department, Faculty of Medicine,
Mansoura University,
Mansoura, Egypt
- Assistant lecturer: 1998-2004
Ophthalmology department, Faculty of Medicine,
Mansoura University,
Mansoura, Egypt
- Research fellow: 2000 -2002
Medical College of Wisconsin, USA.
- Lecturer: 2004-2010
Ophthalmology department, Faculty of Medicine,
Mansoura University,
Mansoura, Egypt
- Assistant professor: 2010 -2015
Ophthalmology department, Faculty of Medicine,
Mansoura University,
Mansoura, Egypt
- Professor of Ophthalmology: 2015 to date
Ophthalmology department, Faculty of Medicine,
Mansoura University,
Mansoura, Egypt
- Visiting research scholar: 2017
Schepens Eye Research institute, Harvard Medical School
Harvard University,
Boston, USA
- Part timer professor of Ophthalmology: 2019 to date
Horus University
New Damietta, Egypt
- Professor of Ophthalmology (semester-based): 2021 to date
Fakeeh College for Medical Sciences (FCMS)
Jeddah, KSA

Academic activities

- 1) Founder and head of fluorescein angiography unit in Mansoura Ophthalmology center.
- 2) The responsible for the student affairs in the ophthalmology department in the academic year 2012-2013.
- 3) Reviewer at the Institutional Review Board of Mansoura Faculty of Medicine from 2015 to date.
- 4) Head of the medical and humanitarian support unit of Mansoura Faculty of Medicine from 2015 to date.
- 5) A visiting professor to Manchester Medical School in February 2017 with observation of Personal and Professional Development, consultation skills and Evidence based medicine group teaching sessions
- 6) Head of the Examination steering committee of the 6th year of Mansoura faculty of medicine since 2018 to date
- 7) Supervisor of low vision aid clinic 2019
- 8) Head of ideal student of Mansoura University Selection Committee 2020
- 9) Supervisor of "Safe woman" unit 2020

Membership of Scientific Associations

1. Member of Egyptian Medical Syndicate (EMS)
2. Member of Egyptian Ophthalmology Society (EOS)
3. Member of Delta Ophthalmological Society of Egypt (DOSE)
4. Member of Egyptian Retina Society (ERS)
5. Member of the European vitreoretinal society (EVRS)

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. Annual Scientific meetings of Ophthalmic departments in Egyptian Universities
5. Annual meetings of Egyptian society of Ocular Implants and Refractive surgery ESOIRS (Alexandria).
6. Annual meeting of Egyptian Society of Glaucoma (ESG) (Cairo)
7. Annual Joint meeting of Ukraine & Egypt, Mansoura.
8. Annual meetings of the Egyptian retina society
9. American academy of ophthalmology meeting 2017

- **Organization of scientific activities:**

- 1) Co-organization of the first international vitreo-retinal course of Mansoura University 2004
- 2) Co- organization of annual retina meeting of Ophthalmology department Mansoura University.

Appreciation Certificates:

- 1) Appreciation certificates for the undergraduate education years.
- 2) Faculty of Medicine- Mansoura University (Ideal student of Mansoura University, 1987).
- 3) President of Mansoura University for organization of the first international vitreo-retinal course of Mansoura University.
- 4) Vice dean of faculty of Medicine- Mansoura University for active sharing in medical tribes to rural areas in Dakahlia governorate.
- 5) Faculty of Medicine Appreciation Certificate for being one of the most active IRB reviewers.

Supervision of Postgraduates

1. ---Management of paralytic strabismus "MS"
Researcher: Ahmad El-Shal
2. ---Choroidal melanoma, Diagnosis and management "MS"
Researcher: Shaymaa Abd El-Hameed Motawa
3. ----Intac's Versus Cross-Linking in management of keatoconus "MS"
Researcher: Eman El-Shafey Moustafa
4. ----Duane retraction syndrome "MS"
Researcher: Ibraheem El-Hosseiny Ibraheem
5. ----Management of laser insitu keratomileusis (LASIK) complications."MS"
Researcher: Marwa El-Sayed Abd El-Motleb
6. ---Fundus photography in obese patients with and without metabolic syndrome. "MS"
Researcher: Asmaa Nagdy Taha
7. ---Prognostic factors of retinopathy of prematurity in premature infants receiving Ranibizumab as intravitreal injection. "MS" (Main supervisor)
Researcher: Alaa Abou El-leel Moussa
8. ---Value of electrophysiological study before pars plana vitrectomy for diabetic vitreous hemorrhage. "MS" (Main supervisor)
9. ---Assessment of keratoconus by Pentacam. "MS"
Researcher: Dalia Ahmed Rasheed Sameh
10. --- Tomographic and angiographic changes in Behcet's posterior uveitis. "MS"
Researcher: Shaymaa El-Sayed Abd El-Moaty
11. ---- Ocular Coherence tomography findings in systemic lupus patients with and without lupus nephritis and correlation with other systemic affection. "MS"
Researcher: Ghadeer Mohamed Ebraheem
12. --- Ultrasonic evaluation of eyes with blunt trauma. "MS"
Researcher: Mohamed Ahmed Mohamed Ahmed
13. --- Optical coherence tomography findings in patients with parkinsonism. "MS" (Main supervisor)
Researcher: Mayada Ayman Abd El-Ghany
14. --- Profile of childhood uveitis in patients attending Mansoura Ophthalmic Center. "MS"
Researcher: Nagwa Hessein Abd El-Megeed

15. --- Tomographic and angiographic findings in common causes of macular edema. "MS"

Researcher: Nermeen El-Dereeny Abd El-Ghany

16. --- Phacoemulsification in eyes with high axial myopia. "MD"

Researcher: Mohamed Ahmad Abd El-Hafez

17. --- Evaluation of intracorneal rings in keratoconus. "MD"

Researcher: Eman Azmy Abd El-Hameed

18. --- Impact of different suturing techniques on visual outcomes in penetrating keratoplasty. "MD"

Researcher: Ahmed Raouf Amin

19. --- Safety and efficacy of intravitreal injections in diabetic macular edema. "MD"
(main supervisor)

Researcher: Mohamed Ahmed Mohamed Ahmed

20. --- Genetic polymorphisms of aldose reductase, TCF7L2 and PPAR γ 2: Relation to diabetic retinopathy. "MD"

Researcher: Hadeel Ahmed Shawky

Member of Judge Committee

1. --- Predicted and actual refraction after intraocular lens implantation in silicone oil filled eye. "MS"

Researcher: Raghda Shawky Abd El-Aleem

2. --- Tomographic and angiographic findings in common causes of macular edema. "MS"

Researcher: Nermeen El-Dereeny Abd El-Ghany

3. --- Optical coherence tomography findings in patients with parkinsonism. "MS"

Researcher: Mayada Ayman Abd El-Ghany

4. --- New modalities in uveitis treatment. "MD"

Researcher: Amgad Mahmoud El-Nokrashy

5. --- Safety and efficacy of intravitreal injections in diabetic macular edema. "MD"

Researcher: Mohamed Ahmed Mohamed Ahmed

Promotion Committee of the Supreme Council of Universities

Reviewer since December 2020 to date

Publications

Published Researches

1. El-Diasty AM, **Shahin M. Anticardiolipin antibodies in diabetic patients: an additional risk factor in the pathogenesis in diabetic retinopathy.** Egypt J Immunol. 2008;15(1):101-7.
2. Hamza Abd El-Hameed, **Maha Shahin**, Manal Kasem, Rasheed El-Lakkany, Hesham El-Serogy, Osama El-Agroudy. Vascular Endothelial Growth Factor as an Indicator of Severity of Diabetic Retinopathy. Saudi Journal of ophthalmology 2008; 22 (4): 223-229.
3. **Maha Shahin**, Amany M. El-Diasty, Mohamed Mabed. **Anticardiolipin antibodies in proliferative diabetic retinopathy. An additional risk factor.** Saudi Journal of Ophthalmology 2009 (23): 165–169.
4. Tharwat H. Mokbel, **Maha M. Shahin**, Eglal M. El-Said, Wael M. Abd El-Ghaffar. **Potential diagnostic value of fluorescein angiography and colour Doppler imaging in primary open angle glaucoma.** Eur J Ophthalmol. 2009;19(6):957-62.
5. Nader Roshdy, **Maha Shahin**, Hanem Kishk, Sherif El-Khouly, Amany Mousa, Iman ElSalekh: **Role of new magnetic resonance imaging modalities in diagnosis of orbital masses: A clinicopathologic correlation.** MEAJO 2010; 17 (2): 175-179.
6. **Maha Shahin**, Rasheed El-Lakkany. **A prospective randomized comparison of intravitreal triamcinolone acetonide versus intravitreal Bevacizumab (Avastin) in diffuse diabetic macular edema.** MEAJO 2010 17 (3): 250-255.
7. Nader Roshdy, **Maha Shahin**, Hanem Kishk, Asaad Ghanem, Sherif El-Khouly, Amany Mousa, Iman ElSalekh. **MRI diagnosis of orbital masses.** Current Eye Research, 35(11), 986–991, 2010.
8. Elbendary AM, **Shahin MM.** Intravitreal diclofenac versus intravitreal triamcinolone acetonide in the treatment of diabetic macular edema. Retina. 2011 Nov;31(10):2058-64.
9. Mansour AM, **Shahin M**, Kofoed PK, Parodi MB, Shami M, Schwartz SG. Collaborative Anti-VEGF Ocular Vascular Complications Group. **Insight into 144 patients with ocular vascular events during VEGF antagonist injection.** Clin Ophthalmol. 2012;6:343-63.

10. Mabed M, **Shahin M. Mesenchymal stem cell-based therapy for the treatment of type 1 diabetes mellitus.** Curr Stem Cell Res Ther. 2012 May;7(3):179-90.
11. **Shahin MM, Elbendary AM, Elwan MM. Intraoperative subconjunctival bevacizumab as an adjunctive treatment in primary pterygium: a preliminary report.** Ophthalmic Surg Lasers Imaging. 2012 Nov-Dec;43(6):459-66.
12. Samra WA, **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. 2013 Jun 7
13. **Shahin MM. Angiographic characteristics of central serous chorioretinopathy in an Egyptian population.** Int J Ophthalmol. 2013 Jun 18;6(3):342-5.
14. **Shahin M, Gad MA, Hamza W. Impact of intravitreal triamcinolone acetonide versus intravitreal bevacizumab on retrobulbar hemodynamic in patients with diabetic macular edema.** Cutan Ocul Toxicol. 2014 Mar;33(1):49-53.
15. Mansour AM, Lee JW, Yahng SA, Kim KS, **Shahin M**, Hamerschlak N, Belfort RN, Kurup SK. **Ocular manifestations of idiopathic aplastic anemia: retrospective study and literature review.** Clin Ophthalmol. 2014 Apr 17;8:777-87.
16. Mansour A, Keaik M, Lima L, **Shahin M**, Uwaydat S, Casella AM, Dodwell D. **Persona of Central Serous Retinopathy.** OPHTHALMOLOGICA 2016 Jan 1 236, pp. 39-39
17. **Shahin M, Al-Sharkawy HT, El-Diasty AM. Ocular perfusion pressure and anticardiolipin antibodies in glaucomatous Egyptian patients.** Delta J Ophthalmol 2016;17:14-7
18. Ahmad M. Mansour, Mona Koaik, Luiz H. Lima, Antonio Marcelo B. Casella, Sami H. Uwaydat, **Maha Shahin**, Hani Tamim, Maria-Jose Sanchez-Ruiz, Hana A. Mansour, David Dodwell. **Physiologic and Psychologic Risk Factors in Central Serous Chorioretinopathy.** Ophthalmology Retina, 2017; 1 (6): 497 – 507.
19. G Swan, **M Shahin**, J Albert, J Herrmann, A Bowers. **The effects of simulated acuity and contrast sensitivity impairments on detection of pedestrian hazards** - Journal of Vision, 2018 (10), 1043-1043

20. Swan G, **Shahin M**, Albert J, Herrmann J, Bowers AR. **The effects of simulated acuity and contrast sensitivity impairments on detection of pedestrian hazards in a driving simulator.** Transp Res Part F Traffic Psychol Behav. 2019
21. El-Eshmawy MM, **Shahin M**. Thyroid and Eye: **Where They Meet in Clinical Practice.** Endocr Metab Immune Disord Drug Targets. 2020;20(1):39-49.
22. Hadeel Ahmed Shawki, Ekbal M.Abo-Hashem, Magdy M. Youssef, **Maha Shahin** & Rasha Elzehery (2020) **Association of transcription factor 7-like 2 (rs7903146) gene polymorphism with diabetic retinopathy**, Ophthalmic Genetics, 1-7 DOI: 10.1080/13816810.2020.1780620 published on line 21 June 2020
23. Shawki, H.A., Elzehery, R., **Shahin, M.** Abo-hashem EM, Youssef MM. **Evaluation of some oxidative markers in diabetes and diabetic retinopathy.** Diabetol Int 12, 108–117 (2021)
24. Shawki, H.A., Abo-hashem, E.M., Youssef, M.M, **Shahin M**, Elzehery R. **PPAR γ 2, aldose reductase, and TCF7L2 gene polymorphisms: relation to diabetes mellitus.** J Diabetes Metab Disord (2022).

Books

- Mabed M, **Shahin M**. Mesenchymal Stem Cells and Type 1 Diabetes Mellitus (chapter). In Berhardt LV (ed) Advances in Medicine and Biology. Volume 53. NY, Nova Science Publishers, INC. 2012. PP 1-26.
- Co-author in “Basic Ophthalmology” for undergraduates.

Researches presented in conferences

- 1.--- TB Connor, **M Shahin**, I O, 'Shaughnessy, A Hassan, Ah Kissebah, E El- Said, S Sittien, H. El- Sorogy, F El- Chennawi: **HLA-DR typing as a marker of severity of diabetic retinopathy.** Invest. Ophthalmol Vis. Sci 2002; E abstract 540.
City: Fort Lauderdale
Country: USA
- 2.--- TB Connor, **M Shahin**, I O'Shaughnessy, A Hassan, Ah Kissebah, E El- Said, S Sittien, H. El- Sorogy, F El- Chennawi : **HLA-DR typing as a marker of severity of diabetic retinopathy.** Program & abstract of American Academy of Ophthalmology (2002) annual meeting. October 20-23 (2002) Orlando, Florida. Scientific Poster 287.
City: Orlando
Country: USA

3.--- R. El- Lakkany, **M. Shahin: Radial optic Neurotomy for retinal vein occlusion.**
In the international VIII Congress of the Pan Arab African Council (PAACO 2005).
City: Dubai
Country: United Arab Emirates

4.--- N. Roshdy, **M. Shahin, H. Kishk, S El-Khouly, A Mousa: Role of New Magnetic resonance imaging modalities in diagnosis of orbital masses: a clinicopathologic correlation.** In EOS annual meeting March 2006.
City: Cairo
Country: Egypt

5.--- El Lakkany R, Hassan H, **Shahin M: Intravitreal triamcinolone acetone in diffuse macular edema: Functional and anatomical results.** In Ophthalmology meeting. 2006
City: Odessa
Country: Ukraine.

6.--- **Shahin M: Axial length and refraction in retinal vein occlusion.** In EOS annual meeting March 2007.
City: Cairo
Country: Egypt

7.--- **Shahin M: Fluorescein angiographic findings after intravitreal injection of Bevacizumab (Avastin).** SOE 2009. The 17th congress of the European society of ophthalmology.
City: Amsterdam
Country: Netherlands.

8.--- **Shahin M M, Mabed M, El-Diasty AM. Anticardiolipin antibodies in proliferative diabetic retinopathy. An additional risk factor.** SOE 2009. The 17th congress of the European society of ophthalmology.
City: Amsterdam
Country: Netherlands.

9.---**Maha Shahin: Fluorescein angiography changes after intravitreal injection of Bevacizumab (Avastin).** The joint congress of faculty of medicine, Beirut Arab University and department of ophthalmology Alexandria University. March 2010
City: Beirut
Country: Lebanon

10.---**Maha Shahin: Angiographic characteristics of central serous chorioretinopathy in an Egyptian population.** The 4th Mediterranean retina meeting. July 2010
City: Istanbul
Country: Turkey

11.---**Maha Shahin, El-Bendary A: Intravitreal diclophenac versus intravitreal triamcinolone in the treatment of diabetic macular edema.** WOC February 2012
City: Abu Dhabi
Country: UAE

12----**Maha Shahin**, El-Bendary A, Elwan M: **Intraoperative Subconjunctival Bevacizumab as an Adjunctive Treatment in Primary Pterygium**. WOC. February 2012

City: Abu Dhabi

Country: UAE

13---- Ahmad M Mansour, **Maha Shahin**, Peter K Kofoed, Maurizio B Parodi, et al. **Insight into 144 patients with ocular vascular events during VEGF anatongsits injection**. Ocular Vascular Complications Group. WOC February 2012

City: Abu Dhabi

Country: UAE

14----**Maha Shahin**, Nermeen El-Dereeny, Abd El-Hady El-Gilany, Amal Abd El-Wahab and Mohamed Mamdouh. **Correlation between VA and both angiographic & tomographic imaging findings in common causes of ME**. EVRS 2015

City: Venice

Country: Italy

15 ---**M Shahin**, S AbdEl-Moaty, MH AbdEl-Rahman, W El-Desouky. **Tomographic and angiographic changes in Egyptian patients with Behcet posterior uveitis**. EVRS 2016

City: Monaco

Country: Monaco

16 ---Maha Shahin, Ali Lamin, Mohamed El-Sayed, Mona AbdelKader, Ahmed M El Shamy; Ibrahim H Rasheed, Aya M Hashish, Amgad El Nokrashy. **Retinal Abnormalities in Schizophrenia**. EPOMECE 2022

City: Dubai

Country: UAE

Invited Speaker

16th Afro Asian congress of ophthalmology and the 5th Mediterranean retina meeting. Istanbul, June 2012

Reviewer

MEAJO (Middle East African Journal of Ophthalmology)

International Journal of Ophthalmology

Case Reports in Ophthalmology

Saudi Journal of Ophthalmology

Schizophrenia Bulletin

Egyptian Journal of Ophthalmology

Editorial Board Membership

International Journal of Ophthalmology & Eye Science (IJOES)
International Journal of Ophthalmic Research

Teaching experience

- 1) Instructor of Fluorescein angiography of the first international vireo-retinal course of Mansoura University 2004 "post graduate".
- 2) Teaching of "Basics of Ophthalmology" and "Clinical Ophthalmology" for the undergraduate student at the 4th year. Mansoura University
- 3) Teaching of postgraduate and Fellowship students (Retinal vascular accidents).
- 4) Instructor of fluorescein angiography course of the annual meeting of Egyptian ophthalmological society in collaboration with ophthalmology department Columbia University. March 2010
- 5) Instructor in OCT course of ophthalmology department Mansoura University in conjunction with Egyptian Ophthalmological Society, Mansoura Ophthalmic Center, July 2010.
- 6) Instructor of diabetic retinopathy course of the 16th Afro Asian congress of ophthalmology and the 5th Mediterranean retina meeting. Istanbul, June 2012

International Collaboration

- 1) **Medical college of Wisconsin "MCW"**: MD thesis "Risk factors in patients with diabetic retinopathy"
- 2) **American University of Beirut "AUB"**: Multicenter studies
 - * Collaborative Anti-VEGF Ocular Vascular Complications Group
 - * Aplastic Anemia
 - * Central serous Chorioretinopathy
- 3) **University of Manchester**: Medical education
- 4) **University of Pittsburg**: HSV-1 eye infections in Egypt and application for Fogarty grant
- 5) **Harvard University**: Low vision aid and investigating ocular factors influencing pedestrian detection
- 6) **Augusta University**: Conjoint research of homocysteine level in age-related macular degeneration

Other experiences and activities

- 1) International TOEFL (AMIDEAST Center, Cairo, Egypt)
- 2) Coordinator of the Quality Assurance of Ophthalmology department, Mansoura University.
- 3) Member of the association of the staff member coming from abroad, Mansoura University.