

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Curriculum Vitae

Osama Mohiey El Deen Mohamed Al-Nahrawy

- **Personal Data:**
Date of birth: 9-6-1962.
Place: Kafr Gaafar, Bassioun, Gharbia, Egypt
Social Status: married and have 5 children (4 sons and 1 daughter).
Email: alnahrawyosama@gmail.com, osama.alnhrawy@med.suez.edu.eg
Mobile and whatsapp: +201223154002.
- **Current Academic Job:**
 - + Professor of Ophthalmology, Faculty of Medicine, Suez Canal University and its hospital, Ismailia, Egypt.
 - + Consultant Ophthalmic Surgeon, since 1997 (Holding the Doctorate degree).
- **Academic Career Stages:**
 - + Graduation: Faculty of Medicine, Tanta University, 1985. Grade: Very Good with honor degree.
 - + Resident of Ophthalmology: 1987-1990, Tanta University and its university hospital.
 - + Holding the master degree at 1990, and thesis of master titled: "lamellar keratoplasty in cases of recurrent pterygia".
 - + Assistant lecturer of Ophthalmology, Suez Canal University, 1991.
 - + Fellowship at University of Amsterdam and Dutch Ophthalmic Research Institute, 1993-1995, under a mission and scholarship from the ministry of high education. S upervision of Prof Dr Henk Spekreijse, director of research.
 - +During this fellowship, an MD thesis was being prepared, which title: "Role of Ocular Electrophysiology in Predicting the Visual Outcome of Complicated Cataract Surgeries".
 - +Holding the Doctorate degree, Suez Cana University, 1997.
 - + Lecturer of Ophthalmology, at 1998.
 - +Assistant professor of Ophthalmology, Suez Canal University, at 2004.
- **Quality Management and Managerial Experiences:**
 - + Diploma in Total Quality Management for healthcare reform, American University in Cairo, May 2006-2007.
 - + Joint Commission International Certificate of Achievement of the requirements for Quality Management and Patient Safety Program, April-December, 2017.
 - + ISO 9001: 2008 QMS, Certificate of Training held on December, 2010, by Mellenium Integrated Solutions and Consulting.

Professional Situation and Jobs:

Solo and Group practices' foundation, sharing and managerial Positions

- * Head and founder of the Egyptian Society of Femtosecond laser eye surgeries (founded at December 2013)
- * Chief Executive Officer of:
 - a. Cortoba eye and lasik center, at Ismailia, Port Said, Suez, Egypt www.cortobaeyelasik.com, facebook/cortoba eye and lasik c enters.
 - b. Cortoba eye center, at Port Said, Borg Al Horeya, 73 al Thalathini street.
 - b. Suez Eye Center, Suez, 2 Sedki street, Egypt.
 - c. Private clinic, Ismailia, Panorama Tower, infront of courts complex.
 - d. Private Clinic at Cairo, Al Mohandseen, 57 Game3at Al Dowal Al Arabia Street.

Sharer and or founder of Private eye centers in Cairo:

- a. Al Hayat Eye center, Abdel Aziz Selim Street, Dokki, Giza, Cairo.
- b. Cortoba femtolaser eye surgery centers Cairo, 104 Al Dowal Al Arabia Stereet, Mohandseen., (closed now temporarily).
- c. Clear Vision LASER Center, 54 Al Batal Ahmad Abdel Aziz Street, Mohandseen, Giza.
- d. Rowad Laser Vision Correction Center (RCC): 24 Syria Street, Mohandseen, Giza Egypt.

Surgical Skills and Clinical Practice

2. Medical and Diagnostic Ophthalmology:

I have experience in (and an owner – co-owner) of the following equipment):

- a. Automated perimetry. (Octopus 101) Switzerland.
- b. Ophthalmic ultrasound (Nidek Japan),
- c. Ocular photography and hacoemulsi angiography (Kowa Japan), analog and digital photography.
- d. Corneal topography (Tomey TMS-3)
- e. Pachymetry Nidek Japan (corneal thickness ultrasonic measurement),
- f. Orbscan (Bausch and Lomb, USA) anterior and posterior corneal surface studies and multiple points' corneal thickness assessment.
- g. Pentacam (Oculus Germany) anterior and posterior corneal surface studies and multiple points' corneal thickness assessment. Together with anterior chamber assessment and lens study.
- h. Wavescan Visx wavefront studies to measure different ocular higher order aberrations and register iris pattern and prints.
- i. Visual evoked potentials (VEPs), electroretinography (ERG) and hacoemulsificatio (EOG). Conventional and multifocal Recordings.

Experience in these equipments enables to diagnose different medical retinal diseases.

2. Ocular Surgeries

1. Pediatric eye surgeries: squint, congenital cataract and congenital glaucoma.
2. All techniques of glaucoma surgeries (penetrating and non penetrating trabeculectomies)
3. All techniques of cataract surgeries (phacoemulsification with implantation of all types of foldable intraocular lenses.
4. All refractive surgical techniques: phakic AC intraocular lenses implantation Verisyse (IRIS CLAW) , Implantable contact lenses (ICL),
5. Refractive lens exchange and clear lens extraction
6. Laser vision correction: standard and customized wavefront- guided corrections. To correct errors of refraction like myopia, hyperopia and astigmatism. And to correct high order aberrations.
7. Phototherapeutic keratectomy to remove superficial opacities of the cornea using excimer laser Visx system.
8. Penetrating keratoplasty to remove dense central corneal opacities.
9. Descemet's Membrane Endothelial Keratoplasty (DMEK) for endothelial decompensation and dystrophies.
10. Femto DALK for anterior stromal opacities and keratoconus.
11. Some oculoplastic procedures like dacryocystorhinostomy and silicone intubation. Also the same technique could be done through the nose with the nasal endoscope and an ENT surgeon.
12. Intravitreal injection techniques of anti GVF Ranibizumab (Lucentis, Novartis) and Aflibercept (Eyelea, Bayer), and Dexamethasone intravitreal implants (Ozurdex, Allergn).
12. Femtosecond laser INTACS (Intra corneal rings) segments implantation for cases of keratoconus.
13. Ultra violet Riboflavin corneal collagen cross linking for cases of early keratoconus. (both Conventional Dresden protocol and Accelerated Avedro protocol).

3. Ophthalmic LASERS:

1. Argon laser photocoagulation for iridotomies, iridoplasty and trabeculoplasty, panretinal photocoagulation for proliferative diabetic retinopathy and focal and grid laser ttt for diabetic macular edema.
2. Yag laser iridotomy for eyes with narrow angle and shallow anterior chamber as a prophylaxis against angle closure glaucoma, and posterior capsulotomy for posterior capsule opacification after cataract surgery.
3. Excimer laser systems (Star S4 IR, Visx AMO), Wavelight Allegretto 500, Schwind Amaris 500,)
4. Femtolaser eye surgeries with the Victus Technolas, Zeimer Z4, Intralase IFS, Catalys .

Log book (for procedures performed in one place only):

Enclosed is a PDF file for procedures either diagnostic or surgical, that were performed in one place (in the RCC Rowad Center, Syria Street, Cairo)

Google and youtube published videos for some types of surgeries, done over years and presentations in international conferences.

Google scholar and Academia scholar with many publications and presentations.

Youtube/osama al Nahrawy

Scientific Manuscripts Reviewer

The Egyptian Journal of Ophthalmology, 11 December, 2021. Requesting reviewing this manuscript titled: Quantitative evaluation of corneal edema after phacoemulsification surgery using corneal densitometry

The Egyptian Journal of Ophthalmology, March, 17, 2022. Requesting reviewing this manuscript titled:

The Outcome After Pterygium Excision by Different Techniques.

The Egyptian Journal of Ophthalmology, 7 September, 2021, Requesting reviewing this manuscript titled:

Astigmatic Vector Analysis of Posterior Corneal Surface; Healthy versus Keratoconic Corneas

17/10/2000 & 13/9/2000

Title of article : Human Vitreal Prostaglandin Levels and Proliferative Diabetic Retinopathy. Authors: Stella Douros, M.D., Barbara A Phillips, M.D., Alfred Nadel, M.D., and Stehen A. Obstbaum, M.D. Department of Ophthalmology, Lenox Hill Hospital, New York, USA. This study was funded by Allergan Pharmaceuticals and a grant from the Eye Research Foundation of Central New York, Inc.

It was presented in part at the Association for Reseach in Vision and Ophthalmology (ARVO) Annual Meeting on May 16, 1995 in Fort Lauderdale, Florida, USA. Submitted for publication at the Documenta Ophthalmologica.

Source : Kluwer academic publishers

9/6/2001 & 3/5/2001

Title of article: Long Term Therapy With Low Dose Cycloporin-A in Ocular Behcet's Disease. Authors: Pinar Cakar OZDAL, Serap ORTAC, Ibrahim TASKINTUNA and Esin FIRAT. SSK Ankara Eye Hospital, Ankara, Turkey.

The paper was presented at the VI International Symposium On Ocular Inflammation, Istanbul, 18-23 rd June, 2000. Submitted for publication at the Documenta Ophthalmologica. Miranda Kraaijeveld@wkap.nl

Source : Kluwer Academic Publishers

**Memberships in International societies (most of them are previous).
Certification are available upon request.**

1. The American Society of Cataract and Refractive Surgery (ASCRS).
2. The American Academy of Ophthalmology (AAO) until 2011.
3. The European Society of Cataract and Refractive Surgery (ESCRS) until 2016.
4. Previously for years: The ISCEV (International Society for Clinical Electrophysiology of Vision)
5. International society for quality (Isqua).

Credit hours of CME:

Continuous Medical Education (CME) activities that has credit hours, prof dr Osama Al Nahrawy

	Name of event	date	Organizing body	Accrediting body	Credit hours
1	FemtoCongress 2014	7-9.11.2014	Budapest, Hungary, Prof dr Zoltan Nagie	European Accreditation Council for Continuing Medical Education (EACCME)	12 (ECMEC)
2	European Society of Cataract and Refractive Surgeons (ESCRS).	5-9.10.2013	(ESCRS). Amsterdam Netherlands. Peter Barry	European Accreditation Council for Continuing Medical Education (EACCME)	27 (ECMEC)
3	International Ophthalmic Conference 2004	29.11.2004	Ophthalmology Meeting of Ahalia Hospital and Ministry of Health, Abu Dhabi, United Arab Emirates.		6 CME
4	European Society of Cataract and Refractive Surgeons (ESCRS).	12-17.9.2014	(ESCRS). London, England, Rober Belluci.	European Accreditation Council for Continuing Medical Education (EACCME)	27 (ECMEC)
5	THE 24 TH Annual meeting of Egyptian Society of Ocular Implants and Refractive Surgery ESOIRS	29 th May-1 st June 2012	ESOIRS, International Society of Refractive Surgery (ISRS) and Middle East Africa Cataract and Refractive Surgery Society (MEACRS), Alexandria, Egypt, Prof dr Hussein Ali	American Academy of Continuous Medical Education (AACME)	31.5 (AACME)
6	The 25 TH Annual meeting of Egyptian Society of Ocular Implants and Refractive Surgery ESOIRS	21 st May-24 th May, 2013.	ESOIRS, Alexandria, Egypt, Prof Dr.	American Academy of Continuous	19.25 (AACME)

			Hussein Ali	Medical Education (AACME)	
7	The 22th Annual meeting of Egyptian Society of Ocular Implants and Refractive Surgery ESOIRS	26 th May-28 th May, 2010.	ESOIRS, Alexandria, Egypt, Prof Dr. Hussein Ali	American Academy of Continuous Medical Education (AACME)	18 (AACME) Alexandria Faculty of Medicine CME: 16 points
8	European Society of Cataract and Refractive Surgeons (ESCRS).	13-17.9.2008	(ESCRS). Berlin, Germany, Prof Dr Paul Rosen.	European Accreditation Council for Continuing Medical Education (EACCME)	27 (ECMEC)
9	4 th Congress of the (EuCornea), European Society of Cornea and Ocular Surface Disease Specialists	4-5.10.2013	(EuCornea), Amsterdam, The Netherlands, Prof Dr Jose Guell	European Accreditation Council for Continuing Medical Education (EACCME)	12 CME
10	American Society of Cataract and Refractive Surgery (ASCRS) and American Society of Ophthalmic Administrators (ASOA),	March, 26-29, 2011.	ASCRS/ ASOA San Diego, California, USA.	American Accreditation Council of Continuing Medical Education	33 AMA
11	VIII The Research Institute of Ophthalmology (RIO)	January 15-17, 2014.	Research Institute of Ophthalmology (RIO). Cairo	American Academy of Continuous Medical Education (AACME)	19 AACME
12	The 9 th meeting of the Research Institute of Ophthalmology (RIO)	January 16, 2015.	Research Institute of Ophthalmology (RIO). Cairo	American Academy of Continuous Medical Education (AACME)	22.5 AACME
13	The 10 th meeting of the Research Institute of Ophthalmology (RIO)	January 20-22, 2016.	Research Institute of Ophthalmology (RIO). Cairo	American Academy of Continuous Medical Education (AACME)	27.75 AACME
14	Ophthalmic Surgical Complications conference, eye world hospital, CAIRO	4 TH March, 2022.	Egyptian Ophthalmological Society and Eye World Hospital, Cairo.		7 cpd

15	1 st International Medical Education Conference, Faculty of Medicine, Suez Canal University (SCUIMEC 2022).	March, 30-31, 2022	, Faculty of Medicine, Suez Canal University (SCUIMEC 2022). Ismailia, Egypt, prof dr Ahmad El-Sakka.		7 cpd
					Total = 296

Conferences and courses, speaking and or attending or organizing

First International Medical Education Conference SCUIMEC 2022, Faculty of Medicine, Suez Canal University. المؤتمر الدولي الأول للتعليم الطبي كلية الطب جامعة قناة السويس بالاسماعيلية مصر فى الفترة من 30-31 مارس 2022
Donia el Oyoun eye surgeries complications meeting, at Egyptian Civilization Museum, 2022
Egyptian Society Femtolaser Ophthalmology congress 2016 Egypt, Head of the Society and Congress and presenter. (Society pdf file booklet attached.)
Egyptian Society Femtolaser Ophthalmology congress May, 21-22, 2015, at Four Seasons hotel, Cairo. Head of the Society and Congress and presenter. (Society pdf file booklet attached.)
Establishing and first meeting of Egyptian Society of femtolaser eye surgeries, at February, 4, 2014, at Grand Nile Towers. Head of the Society and Congress and presenter. (Society pdf file booklet attached.)
Refractive surgery club 2014 Egypt, February, 4, 2014, at Grand Nile Towers.
Femto congress Budapest, Hungary, 7-9 November, 2014. Presenting about: Early Egyptian Experience of Femtolaser cataract surgeries.
European Society of Cataract and Refractive Surgeons (Escrs), from 12-17 September, 2014 London.
Femtocongress, Verona, Italy, June, 21, 2013: Anterior Segment Surgery and a wet lab on Femtolaser Cataract Surgery.
European Society of Cornea and Ocular Surface Disease Specialists, 4 th Congress (EUCORNEA), from 4-5 October, 2013, Amsterdam, Netherlands.
European Society of Cataract and Refractive Surgeons (Escrs), from 5-9 October, 2013, Amsterdam.
All conferences of Egyptian ophthalmological Society of Egypt
2012 ASCRS in Chicago Chicago – USA A paper presentation titled: Femtosecond Laser Assisted Intrastromal Corneal Ring Segment Insertion in Treatment of Keratoconus
2011 ASCRS Conference in San Diego

<p>Management of papillary Block pseudophakic glaucoma after cataract extraction & anterior chamber intraocular lens implantation . A video presentation.</p>
<p>2010 ASCRS Boston Chicago- USA (Osama Al Nahrawy, Amr sharawy, Ehab Ghoneim, haco Khalifa) : Wave front guided lasik for myopia& Myopic Astigmatism using the variable spot- scanning Excimer laser Efficacy predictability & safty</p>
<p>2010 AAO, Meaco Chicago- USA Ocular responce analyzer & corneal biomechanics before & after lasik (osama Al Nahrawy, Amr sharawy, Karem Kolkillah</p>
<p>Sep., 2010 Annual Conference of the Egyptian Society for the development of hospital management Bermuda triangle like Risks in refractive surgery Hands – off situations & time out prophylaxis</p>
<p>Dec, 2010 Annual Conference of the Department of Ophthalmology Intracorneal rings segments foe keratoconus</p>
<p>6-8th May, 2009. The 21th Annual meeting of the Egyptian Society of Ocular Implants and Refractive Surgery (ESOIRS) Presenting two papers. <ol style="list-style-type: none"> 1. Combined Instrument and posterior assisted levitation of nuclear fragments during hacoemulsification after posterior capsule rupture. 2. Mannual versus laser epithelial removal during corneal cross-linking. Could it be a factor to reduce scarring ?. </p>
<p>18-20th March, 2009 The Annual winter meeting of the Egyptian Ophthalmological Society, at Cairo, Egypt. Moderator in the course titled: Lasik: what is new ?</p>
<p>12-13th March, Organizing the first InterArab universities conference for developing students' participation in upgrading the education and performance. The title of the conference was about: "Role of information technology and quality in upgrading healthcare and education" at Suez Canal Uuniversity, Ismailia, Egypt. Besides organizing the conference and training the students, I have presented a paper about: what is the world doing nowadays and how it is thinking.</p>
<p>12-, 13th February, 2009 Attending and presenting in the annual conference of the Egyptian Society of Cataract and Corneal diseases (Escacod) at Cairo in collaboration with the Italian Society and the Indian Societies of cataract and refractive surgeries. My Presentation was about: Manual versus transepithelial laser removal during cross- linking: could it be a factor to reduce scarring and tendency for keloid formation ?</p>
<p>30, 31st October, 2008 Participation as a trainer, in the course organized at the Egyptian Eye Academy, at Cairo about lasik.</p>

The meeting was in association with the international health academy and the American Academy of CME (continuous medical education)
13-17 th September, 2008 Attending and presenting two events in the 26 th annual conference of the European Society of Cataract and Refractive surgery, at Berlin. Electronic poster presentation about “ Acute esotropia after LASIK surgery in a 26 years old girl: A sentinel event case report”. And another electronic poster presentation about “Combined instrument and posterior- assisted levitation of nuclear fragments during phacoemulsification after posterior capsule rupture”
30 th May, 2008 Organizing a meeting in Cortoba eye and lasik center, at Ismailia city, Egypt. The meeting was about: keratoconus management. It was for the eye doctors at the Suez Canal Area.
19-22 nd April, 2008 Attending and sharing in the second Arab forum for quality in health care (Patient First) , at Conrad Hotel, Cairo, Egypt
26-28 th January, 2008 Attending and sharing in the Refractive surgery meeting and the launch of femtosecond laser lasik at Sharm Al Sheikh, Egypt 20-22 nd March, 2007 Attending and sharing in the first Arab forum for quality in health care (bridging the gap) , at Sharm Al Sheikh, Egypt
9-13 th Sep, 2006 Attending and presenting two events in the 24 th annual conference of the European Society of Cataract and Refractive surgery, at London I had an electronic poster presentation about “bimanual cystitome capsulorhexis versus main incision cystitome capsulorhexis in cataract surgery”. I had a video presentation that had been selected in the session of difficult and challenging cases titled: “Combined phacoemulsification and penetrating keratoplasty in a case of dense cataract, leucoma adherent and non-dilatable pupil”.
4 th Dec, 2005 Attending the second international symposium of Pediatric Ophthalmology, Held in Luxor, Egypt
April, 2005 Attending and presenting in the International ophthalmology conference of the Pan Arab Council of Ophthalmology and the Emirates society of Ophthalmology, in Dubai I have presented a video presentation about combined therapeutic penetrating keratoplasty, cataract extraction and intraocular lens implantation in a case of descematocele impending to perforate.
February, 2005 Attending and presenting in the ESCRS winter meeting, in Rome , Italy My Oral presentation was about: high frequency diathermy anterior capsulorhexis during cataract surgery”

<p>2004</p> <p>Invited speaker to the annual conference of Al Ahlia Hospital eye department, Abu Dhabi, UAE in cooperation with the ministry of Health of United Arab Emirates, at November</p> <p>During the conference, I have presented a lecture about “Non-penetrating versus penetrating glaucoma surgery: update)</p>
<p>19-20th Dec, 2003</p> <p>International Meeting of Egyptian Society of Ocular Implants and Refractive Surgery (ESOIRS) & 4th Meeting of African Society of Refractive Surgery (ASRS) <i>Held in Luxor –Egypt</i></p> <p>6-7th Feb, 2003</p> <p>The Second International Congress on Glaucoma Surgery, Held in Luxor, Egypt</p>
<p>April, 2003</p> <p>Attending the ISCEV meeting at Nagoya, Japan</p> <p>During the meeting, I have presented a presentation about “Role of ocular electrophysiology in unexplained vision loss”</p>
<p>2002</p> <p>Attending the DOC. At Nuremberg, Germany</p> <p>During this meeting I have attended two courses:</p> <ol style="list-style-type: none"> 1. Advanced phako techniques. 2. Lasik different microkeratomes.
<p>2002</p> <p>Attending the DOC. At Nuremberg, Germany</p> <p>During this meeting, I have presented two oral presentations:</p> <ol style="list-style-type: none"> 1. keratoconus disappeared or diminished after incisions for phakic IOL implantation. 2. Surgical excision of epicorneal tissue in advanced cicatrical ocular pemphigoid.
<p>2000</p> <p>Attending the DOC (annual international Deutsche Ophthalmic Surgeons meeting) at Nuremberg, Germany</p>
<p>13th may, 2000</p> <p>Educational Program in Contact Lenses of the Bausch & Lomb Vision Care Institute, <i>Held in Egypt</i></p>
<p>February, 2000</p> <p>Attending the ISCEV (International Society for Clinical Electrophysiology of Vision) conference at Sydney, Australia</p> <p>During the conference I had two presentations:</p>

والحمد لله رب العالمين