

Curriculum Vitae

CERTIFIED BOARD OPHTHALMOLOGIST WITH 30 YEARS OF EXPERIENCE AND MORE
THAN 50.000 SURGERIES

Partner and Ophthalmology Consultant MVZ Ostbayern Germany



Name: Dr. A Galal

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Work Permit: Switzerland, Germany, Spain, Egypt

SUBSPECIALIZED OPHTHALMIC SURGEON

Subspecialty N°1: Cornea, cataract and Glaucoma surgery

Subspecialty N°2: Full refractive surgery

Subspecialty N°3: Vitreo-retinal diseases and Surgery

Subspecialty N°4: Cosmetic and Aesthetic ocular medicine (facial Botox and refilling)

DUTIES:

Interpretation of various diagnosis tools such as: Topography, OCT, HRT, visual field, Biometry, IOL master, GDx, Confocal microscopy, specular microscopy, Fluorescein Angiography and US

Lasers in Ophthalmology: YAG, Argon, Diode, SLT, ALT, ELT

Cornea: management of corneal diseases both medical and surgical, SC transplantation. PKP, Cross-linking and Femto intracorneal implants

Full refractive surgery Spectrum: decision making and surgical intervention of all cases of refractive surgery including: PRK, LASEK, LASIK, FemtoLASIK and Visumax for myopia, hypermetropia, astigmatism and presbyopia. High experience in all types of microkeratomes both mechanical and laser assisted. Refractive intraocular lenses monofocal, EDOF, multifocal, ICL and Add on.

Glaucoma: diagnosis and management both medically and surgically: including penetrating and non-penetrating Glaucoma surgeries, Ab externo, Ab interno methods, MIGS implants and Ahmed Valve implant.

Cataract: micro-incision cataract surgery also with Nanolaser and Femtolaser

Vitreo-retinal diseases: diagnosis and management of Vitreoretinal diseases. IVOM and 23/25/27 G Vitrectomy procedure

Aesthetic medicine treatment for facial problems, consisting of facial Botox and refilling procedures.

Ocular Traumatology and Emergencies

CURRENT POSTS CONSULTANT OPHTHALMOLOGY:

Ophthalmology consultant: Full time Cornea, cataract Glaucoma, Retina, Refractive surgery and Botox/refilling senior consultant Ophthalmologist in MVZ Ostbayern groupe, Germany

AWARDS:

- Tourtman Award American academy of ophthalmologist 2008
- Barraquer eye Institute Award 2005.

LICENSURE:

- M.B.B ch in medicine and surgery Egypt Dec 1995
- Ophthalmologist license in Egypt Feb 2001.
- M.B.Bch medicine and surgery recognition in Spain Dec 2001
- Ophthalmologist degree recognition in Spain June 2004
- Medical license in Germany (Aprobation2013)
- Facharzt augenheilkunde in Germany (2013)
- Member of IAPAM June 2015
- Dataflow 2018
- Medical license in Switzerland (Aprobation2019)
- Facharzt augenheilkunde in Switzerland (2020)

REGISTRATION:

Current registration with the following official institutions:

1. Ärztekammer Bayern Germany
2. Colegio oficial de médicos de Alicante Spain
3. Medical syndicate Cairo Egypt.

CLINICAL AND SURGICAL EXPERIENCE:

Ophthalmology consultant: full timer: Oculoplastic, Refractive, Cornea, cataract Glaucoma, Retina surgery. MVZ Ostbayern Straubing Germany 2021 until now

Ophthalmology consultant: full timer: Oculoplastic, Refractive, Cornea, cataract Glaucoma, Retina surgery. Eckert group, Herrenberg Germany 2017-2020

Ophthalmology consultant: full timer: Oculoplastic, Refractive, Cornea, cataract Glaucoma, Retina surgery. Alphavision eye center Bremen Germany 2013-2017

Ophthalmology consultant: full timer: Oculoplastic, Refractive, Cornea, cataract Glaucoma, Retina surgery. CICO eye clinic MELILLA SPAIN 2009-2013

Ophthalmology consultant: full timer: Oculoplastic, Refractive, Cornea, cataract Glaucoma surgery. Clínica Baviera Instituto Oftalmológico Europeo, Madrid, Spain

2007-2009.

Ophthalmology consultant: full timer: Oculoplastic, Refractive, Cornea, cataract Glaucoma, Retina surgery. Vissum ophthalmology Institute, MIGUEL HERNANDEZ UNIVERSITY, Alicante, Spain 2001 - 2007

TRAINING:

Barraquer Eye Institute Barcelona, Universidad Autonoma de Barcelona 2005-2007
Vissum Institute and Universidad Miguel Hernandez, Alicante Fellowship 2001-2004
European Vitreoretinal School of surgeon official course Bremen Germany 2002.
Signed up first with honor in the promotion 2002
Resident of ophthalmology: in the research institute of ophthalmology Cairo, Egypt 1997-2001

SCIENTIFIC DEGREES:

MBA executive (master of business administration) ESDEN (2010)
Master degree of superficial ocular diseases **Barraquer Institute, Universidad autónoma de Barcelona, Barcelona Spain** (2007)
Master degree of anterior segment surgery **Barraquer Institute, Universidad autónoma de Barcelona, Barcelona Spain** (2006)
PhD in ophthalmology **Miguel Hernandez university** –Alicante Spain during the period (2001- 2004).
First European school for **vitreoretinal surgeons in Bremen** (2002).
Clinical Master degree of ophthalmology medicine and surgery qualifying for ophthalmology posts, Cairo University (1997- 2000).
Master of clinical lasers: Cairo University (1998).
M.B.B.Ch Cairo University School of medicine signed up excellent with honor (Dec 95)

COURSES

- Different official courses of AAO/ISRS during the period 2003-2012.
- Official Botox and refilling procedures
- Official ICL implantation course.
- Official Multifocal Restor lens implantation course.
- Official Multifocal Acrilisa lens implantation course
- Official Kelman phakic lens implantation course
- Official INTACS implantation course
- Official Kera rings implantation course
- Official ICL implantation course.
- Official I stent Glaukos implantation
- Official Panoptix implantation
- Official Vivivity implantation

SURGICAL EXPERIENCE

Between 1996 and 2023 I have performed more than 50.000 surgeries as a resident, fellow and consultant.

A normal surgical list would start at 8.00 to 18.00 and would include 4 eyes/ 1hour for cataract, Glaucoma or LASIK surgeries and 1 eye/hour for vitrectomy surgery. In a

routine day the surgical list would include 30-40 Phacoemulsifications/Glaucoma/LASIK plus 2-4 vitrectomies mostly done under local or regional anesthesia.

The surgeries included:

LASIK/LASEK and refractive corneal procedures with Micorkeratomes or Femto assisted procedures (15.000 eyes)

Intraocular refractive procedures for Myopia, hypermetropia and/or astigmatism (ICL implants) (2.000 eyes)

Glaucoma including trabeculectomies, non-penetrating surgery and Glaucoma ab externo and ab Interno procedures and implants (4.000 eyes)

Cataract surgery including micro-incision cataract surgeries, complicated cataract surgeries, extracapsular extraction and all type of lens maturity (35.000 eyes)

Cornea surgery including keratoplasty, Limbal transplantation, refractive corneal procedures, intracorneal implants (3000 eyes)

Retinal procedures and PPV 23 G/ 25 G vitrectomy (2000 eyes) intravitreal injections (4000 eyes)

Lasers in ophthalmology: ALT, SLT, CPK, YAG and ARGON lasers (5000 eyes)

Oculoplastic surgeries: Lids, lacrimal system (3000 eyes)

Traumatology (400 eyes)

Strabismus surgery (300 eyes)

PUBLICATIONS

- Author and co-author of many articles and posters some of them are published and others are being either accepted for publication or in the review phase. The publications were sent to Ophthalmology, British Journal of ophthalmology, Journal of cataract and refractive surgery, Journal of refractive surgery, American journal of ophthalmology and achieves of ophthalmology
- More than 30 Midline published articles. Author of microincisional cataract surgery "MICS surgery"
- Participations in books editing and more than 25 different chapters in international and Spanish ophthalmology books
- Participations in books editing and more than 20 different ophthalmology articles in both international and Spanish scientific ophthalmology magazines
- Presentations and Posters presented at many international scientific meetings from 2001 till 2008

INVESTIGATION AND RESEARCH

Investigator in many clinical studies being done at the Instituto oftalmológico de Alicante and Miguel Hernandez University –Spain. The studies involving most of the pseudophakic and phakic implants as well as different surgical techniques, other ophthalmic procedures and innovative ophthalmic products

1. Monitor and instructor in clinical studies and wet labs

2. Delegate and invited speaker in many international congresses around the world 2001-20017.

Scientific activity:

1. Member of the American society of ophthalmologists (AAO)

2. Member of the European society of cataract and refractive surgery (ESCRS)

3. Faculty member of the international society of refractive surgeons (ISRS)
4. Member of the international society of inflammation
5. Member of the Egyptian society of Ophthalmologists.
6. Collaborator of Miguel Hernandez University (2002-2006)

SOCIAL ACTIVITY:

- Head of ophthalmology unit and chief surgeon of Digital Bridges NGO Luxor, Egypt since 2012 until today: participation in 7 ophthalmic surgical campaigns at Luxor with more than 1000 eye operations done and 2000 consultation done on charity basis
- Head of ophthalmology unit and chief surgeon of the Canarias-Sahel medical cooperation (CMC) NGO and Vice president of the organization from 2008 until today: participation in 5 ophthalmic surgical campaigns. Currently the NGO is preparing an international cooperation projects. NGO Canarias-Sahel medical cooperation (CMC) has almost 300 members and its base in Canary Island.
- Previous member and ophthalmic surgeon of Jorge Alio Foundation: participation in 3 ophthalmic surgical campaigns in Africa.

LANGUAGES:

Deutsch: very good.

English: excellent.

Spanish: excellent.

Arabic : excellent.

French : communication level.

CONTACTS LIST:

MVZ Ostbayern Straubing

Dr. Emilio Montaña: President NGO CMC-sahel 0034671582086

Dr. Mohamed Zebda Clínica Melilla Melilla 0034607365268

Dr. Julio Baviera Clínica Baviera jbaviera@clinicabaviera.com

Dr. Jorge Alio Visum Institute Alicante jalio@visum.com

LIST OF PUBLICATIONS

1. Case Report: Acute Retinal Necrosis following Unexpanded Gas Tamponade
Acute Retinal Necrosis following Unexpanded Gas Tamponade. Sezgin H, Herrmann W, Prahs P, Galal A. The Open Ophthalmology Journal, 2023 Mars ;17.
2. XEN Glaucoma Implant with Mitomycin C 1-Year Follow-Up: Result and Complications, Ahmed Galal, Alper Bilgic, Rasha Eltanamly, and Amr Osman. Volume 2017 (2017), Article ID 5457246, 5 pages
3. The Kelman Duet phakic intraocular lens: 1-year results. Alió JL, Piñero D, Bernabeu G, Galal A, Vargas JM, Ismail MM. J Refract Surg. 2007 Nov;23(9):868-79.
4. Corneal wavefront-guided LASIK retreatments for correction of highly aberrated corneas following refractive surgery. Alió J, Galal A, Montalbán R,

- Piñero D. *J Refract Surg.* 2007 Oct;23(8):760-73.
5. Effect of suction ring application during LASIK on goblet cell density. Rodriguez-Prats JL, Hamdi IM, Rodriguez AE, Galal A, Alio JL. *J Refract Surg.* 2007 Jun;23(6):559-62.
 6. Comparison of goblet cell density after femtosecond laser and mechanical microkeratome in LASIK. Rodriguez AE, Rodriguez-Prats JL, Hamdi IM, Galal A, Awadalla M, Alio JL. *Invest Ophthalmol Vis Sci.* 2007 Jun;48(6):2570-5.
 7. Human anterior lens capsule as a biologic substrate for the ex vivo expansion of limbal stem cells in ocular surface reconstruction. Galal A, Perez-Santonja JJ, Rodriguez-Prats JL, Abad M, Alio J. *Cornea.* 2007 May;26(4):473-8.
 8. Hyperopic LASIK with Esiris/Schwind technology. Alió J, Galal A, Ayala MJ, Artola A. *J Refract Surg.* 2006 Oct;22(8):772-81.
 9. Optic neuritis after meningococcal vaccination. Laria C, Alió J, Rodríguez JL, Sánchez J, Galal A. *Arch Soc Esp Ophthalmol.* 2006 Aug;81(8):479-82. Spanish.
 10. Hyperopic LASIK retreatments with the Technolas laser. Alió JL, Galal A, Artola A, Ayala MJ, Merayo J. *J Refract Surg.* 2006 Jun;22(6):596-603.
 11. Interface corneal edema secondary to steroid-induced elevation of intraocular pressure simulating diffuse lamellar keratitis. Galal A, Artola A, Belda J, Rodriguez-Prats J, Claramonte P, Sánchez A, Ruiz-Moreno O, Merayo J, Alió J. *J Refract Surg.* 2006 May;22(5):441-7.
 12. Advances in microincision cataract surgery intraocular lenses. Alió J, Rodriguez-Prats JL, Galal A. *Curr Opin Ophthalmol.* 2006 Feb;17(1):80-93. Review.
 13. Severe corneal epithelial sloughing during laser in situ keratomileusis as a presenting sign for silent epithelial basement membrane dystrophy. Pérez-Santonja JJ, Galal A, Cardona C, Artola A, Ruiz-Moreno JM, Alió JL. *J Cataract Refract Surg.* 2005 Oct;31(10):1932-7.
 14. Conductive keratoplasty for the correction of residual hyperopia after LASIK. Alió JL, Ramzy MI, Galal A, Claramonte PJ. *J Refract Surg.* 2005 Nov-Dec;21(6):698-704.
 15. Outcomes of microincision cataract surgery versus coaxial phacoemulsification. Alió J, Rodríguez-Prats JL, Galal A, Ramzy M. *Ophthalmology.* 2005 Nov;112(11):1997-2003. Epub 2005 Sep 23.
 16. LASIK in patients with rheumatic diseases: a pilot study. Alió JL, Artola A, Belda JI, Perez-Santonja JJ, Muñoz G, Javaloy J, Rodríguez-Prats JL, Galal A. *Ophthalmology.* 2005 Nov;112(11):1948-54. Epub 2005 Sep 15.
 17. Retinal image quality after microincision intraocular lens implantation. Alió JL, Schimchak P, Montés-Micó R, Galal A. *J Cataract Refract Surg.* 2005 Aug;31(8):1557-60.
 18. Visual outcome of microincision cataract surgery with implantation of an Acri-Smart lens. Alió JL, Rodriguez-Prats JL, Vianello A, Galal A. *J Cataract Refract Surg.* 2005 Aug;31(8):1549-56.
 19. Artisan toric phakic intraocular lens for correction of astigmatism. Alió JL, Mulet ME, Gutiérrez R, Galal A. *J Refract Surg.* 2005 Jul-Aug;21(4):324-31.
 20. One or 2 Intacs segments for the correction of keratoconus. Alió JL, Artola A, Hassanein A, Haroun H, Galal A. *J Cataract Refract Surg.* 2005 May;31(5):943-53.
 21. Near vision restoration with refractive lens exchange and

- pseudoaccommodating and multifocal refractive and diffractive intraocular lenses: comparative clinical study. Alió JL, Tavolato M, De la Hoz F, Claramonte P, Rodríguez-Prats JL, Galal A. *J Cataract Refract Surg.* 2004 Dec;30(12):2494-503.
22. Automated superficial lamellar keratectomy augmented by excimer laser masked PTK in the management of severe superficial corneal opacities. Alió JL, Javaloy J, Merayo J, Galal A. *Br J Ophthalmol.* 2004 Oct;88(10):1289-94.
 23. Milling trabeculoplasty for nonpenetrating glaucoma surgery. Rodríguez-Prats JL, Alió JL, Galal A. *J Cataract Refract Surg.* 2004 Jul;30(7):1507-16.
 24. Intraocular telescopic lens evaluation in patients with age-related macular degeneration. Alió JL, Mulet EM, José M, Ruiz-Moreno, Sanchez MJ, Galal A. *J Cataract Refract Surg.* 2004 Jun;30(6):1177-89.
 25. Changes in keratoconic corneas after intracorneal ring segment explantation and reimplantation. Alió JL, Artola A, Ruiz-Moreno JM, Hassanein A, Galal A, Awadalla MA. *Ophthalmology.* 2004 Apr;111(4):747-51.
 26. Potential uses of the Honan balloon in ophthalmic practice. Rodríguez-Prats JL, Alió JL, Galal A. *J Cataract Refract Surg.* 2003 Sep;29(9):1846. No abstract available.
 27. Intracorneal rings for the correction of pellucid marginal degeneration. Rodríguez-Prats J, Galal A, Garcia-Lledo M, De La Hoz F, Alió JL. *J Cataract Refract Surg.* 2003 Jul;29(7):1421-4.
 28. Surgical correction of high degrees of astigmatism with a phakic toric-iris claw intraocular lens. Alió JL, Galal A, Mulet ME. *Int Ophthalmol Clin.* 2003 Summer;43(3):171-81. Review. No abstract available.
 29. LASIK in myopic patients with dermatological keloids. Artola A, Gala A, Belda JI, Pérez-Santonja JJ, Rodríguez-Prats JL, Ruiz-Moreno JM, Alió JL. *J Refract Surg.* 2006 May;22(5):505-8.
 30. Induced astigmatism after laser in situ keratomileusis. Rodríguez-Prats J, Ahmed AG, Ayala MJ, Alió JL. *J Cataract Refract Surg.* 2003 Feb;29(2):414-5
 31. Intracorneal hydrogel lenses and corneal aberrations. Alió JL, Shabayek MH, Montes-Mico R, Mulet ME, Ahmed AG, Merayo J. *J Refract Surg.* 2005 May-Jun;21(3):247-52.