

Curriculum Vitae (CV)

(Islam Mahmoud Hamdi Ibrahim)

PERSONAL DATA:

Name: Islam Mahmoud Hamdi Ibrahim

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QUALIFICATIONS

Doctorate in Ophthalmology (Ain Shams University), 2004

Previous Degrees:

- FRCS Ophthalmology (Glasgow), 2002
- Bachelor of Medicine and Surgery (Ain Shams University), 1995
- Master of Ophthalmology (Ain Shams University), 1999

OCCUPATIONS

- Professor, Ophthalmology Dept.

Faculty of Medicine

Ain Shams University

Cairo, Egypt (March 2021 -)

- Associate Professor, Ophthalmology Dept.

Faculty of Medicine

Ain Shams University

Cairo, Egypt (October 2009 – March 2021)

- Consultant of Ophthalmology

The Eye Consultants Center

Jeddah, Saudi Arabia (since September 2013)

PREVIOUS OCCUPATIONS:

- Registrar, Ophthalmology Dept.

Faculty of Medicine

Ain Shams University

Cairo, Egypt, 2001

- Assistant Lecturer, Ophthalmology Dept.

Faculty of Medicine in Ain Shams University

Cairo, Egypt, 2001-2004

- Lecturer, Ophthalmology Dept.
Faculty of Medicine
Ain Shams University, 2004-2009
- Fellow of Ophthalmology
Magrabi Eye and Ear Hospital, Jeddah 2001-2002
- Associate Consultant of Ophthalmology
Magrabi Eye and Ear Center, Jeddah 2002-2005
- Consultant of Ophthalmology,
Head Cornea and Refractive Surgery Unit
Magrabi Eye & Ear Center
Jeddah, Saudi Arabia (August 2005 -June 2013)
- Clinical Research Fellow in Miguel Hernandez University
Alicante, Spain (January - July 2005)

SURGICAL PRIVILAGES

24 years surgical experience in Anterior Segment Surgery with special consideration to the primary subspecialty: Cornea.

Mastered procedures include and are not limited to:

- Corneal grafting: penetrating and lamellar keratoplasties (both anterior- DALK and posterior DSAEK) - Intracorneal Ring Segments - Corneal Collagen Cross-linking - Corneal tattooing.
- Refractive Surgery: Laser Vision Correction (PRK- LASEK- EpiLasik- Lasik- FemtoLasik) - Phakic IOL (ICL- Artisan-..)
- Cataract surgeries (Phacoemulsification - Femto second laser phaco - ECCE - 2ry IOL implantation)
- Conjunctival surgeries: Pterygium excision (+/- limbal conjunctival graft) - Excision of conjunctival neoplasms.
- Glaucoma surgeries: Sub-scleral trabeculectomies (+/- MMC / Ologen) +/- Phacoemulsification/ECCE.

CERTIFIED SURGEON

- Ferraring™ (Intracorneal ring segment for treatment of keratoconus)
- ICL & TICL™ (Phakic IOL for treatment of errors of refraction)
- Artisan™ IOL (Phakic IOL for treatment of errors of refraction)
- Intralase™ (Corneal femtosecond laser)
- DSAEK by Moria® (Lamellar corneal transplantation)
- Crystalens™ (treatment of Presbyopia)
- Panoptix™ (treatment of Presbyopia)
- Lensx™ (Lens and Cornea femtosecond laser)
- LDV™ (Lens and Cornea femtosecond laser)
- NIDEK™ (Excimer laser for treatment of errors of refraction)
- Alegretto™ (Excimer laser for treatment of errors of refraction)

INVENTION

"H Ring" Intra corneal Ring Segments for treatment of keratoconus

- Idea and implementation 2012-2013
- First human implantation (with written consent for medical trial 2014)
- CE Registration (October 2018)
- Intellectual Property registration (July 2018)

PUBLICATIONS

- ***“The role of mitomycin C and porcine extracellular matrix in phacotrabeculectomy”***

Hamdi MM and Hamdi IM

Eur J Ophthalmol. 2020 Jul 22;1120672120944339. doi: 10.1177/1120672120944339. Online ahead of print.

- ***“Subjective perception of trifocal IOL performance, including toric models”***

Hamdi IM

Clinical Ophthalmology 2019;13, 1955-61

- ***“Effect of D-Panthenol on Corneal Epithelial healing after Surface Laser Ablation”***

Hamdi IM

J Ophthalmol. 2018; 2018: 6537413. Published online 2018 Nov 12. doi: 10.1155/2018/6537413

- ***“Quality of Vision after Deep Anterior Lamellar Keratoplasty (Fluid Dissection) Compared to Penetrating Keratoplasty for Treatment of Keratoconus”***

Hamdi IM and Hamdi MM

J Ophthalmol 2017;2017:4507989. doi: 10.1155/2017/4507989.
Epub 2017 Jul 20

- ***“Scleral Repair by Biodegradable Collagen Implant in Strabismus Surgery”***

Hamdi MM and Hamdi IM

OR 2015;4:141-146

- ***“Collagen Matrix Implant (Ologen)™ in Glaucoma Surgeries; Precautions for a Better Control of Intraocular Pressure”***

Hamdi MM and Hamdi IM

OR 2015; 4:16-24.

- ***“Refractive and visual outcomes of penetrating keratoplasty versus deep anterior lamellar keratoplasty with hydrodissection for treatment of keratoconus.”***

Amayem AF, Hamdi IM and Hamdi MM

Cornea 2013 Apr;32(4):e2-5.

- ***“ Preliminary results of intrastromal corneal ring segments implantation to treat moderate to severe keratoconus”***

Hamdi IM

J Cataract Refract Surg 2011;37(6):1125-32

- ***“ Optical and Topographic Changes in Keratoconus after Implantation of Ferrara Intracorneal Ring Segments”***

Hamdi IM

J Refract Surg 2010;26(11):871-880

- ***"Visual and Optical Performance Before and After Rotation of a Misaligned STAAR Toric Implantable Collamer Lens"***

Hamdi IM

J Refract Surg 2009 25:S934-S938

- ***"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 23:559-62

(Earned the Troutman Award of the sub-specialty day ISRS/AAO 2008)

- ***"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 48:2570-5

- ***" New frontiers for the perioperative data method for IOL calculation following corneal refractive surgeries"***

Hamdi I.M., Artola A., Alio J.L

Eur J Ophthalmol 2006; 16: 809 – 815

- ***"Intraoperative Complications of LASIK" In: Albert & Jakobiec's Principles and Practice of Ophthalmology 3rd ed 2008 : Elsevier***

Jorge L Alio and Islam M Hamdi

1051- 1059

- ***"Focus on Cornea: Red eye Series":***
CME Series, Alcon Saudi Arabia, 2008
- 8 local publications in "Bulletins of Egyptian Ophthalmological Society"

ACTIVITIES

- **Peer reviewer for :**
 - ✓ **Journal of Refractive Surgery (JRS)** (Silver Reviewer 2019, Gold Reviewer 2020,2021)
 - ✓ **Cornea Journal**
 - ✓ **European Journal of Ophthalmology**
 - ✓ **Journal of Ophthalmology**
 - ✓ **Clinical Ophthalmology**

- Examiner and Tutor: Joint Residency Program of Ophthalmology in the Western Region in Saudi Arabia for (Since 2002)
 - Examiner and tutor: FRCS Preparatory course, Magrabi Eye and Ear Hospital, Jeddah
 - Over 50 International and local presentations and specialized Ophthalmology lectures.
 - Annual participation in International and local Ophthalmology meetings and congresses.

ACHIEVEMENTS

- International Council Scholar 2001(the highest grade in the Part 1 Examination of International Congress of Ophthalmology (ICO))
- First time passer FRCS exam.
- MD thesis under title “Impression Cytology of Corneal and Limbal Epithelium in Normal Soft Contact Lens Wearers” (October 2003).
- Achievement Award ISRS 2016

SOCIETIES

- ISRS/AAO member since 2006

Member of the international council (representative for Saudi Arabia 2010-2019)

- AAO member since 2008
- EOS (Egyptian Ophthalmological Society) member since 1997
- Member of the Middle East African Cataract and Refractive Society (MEACRS)

Consultant &/ Lecturer

- Alcon Laboratories (2009-2012)
- Alcon Surgical (2013- present)
- Allergan Pharmaceuticals (2013- present)
- Bausch and Lomb (2009-2012)
- Ferraraophthalmics (2006-2013)
- Novartis Pharma (2010)
- Jamjoum Pharma (2006)

EDUCATION

- **Elementary Study:**

Primary School - College de La Sainte Famille (Jesuites)

Cairo, Egypt , 1978-1984

Preparatory and Secondary School - College de La Sainte Famille

(Jesuites), Cairo, Egypt, 1984-1988

Graduation GCE Certificate 1988-1989

- **Medical Study:**

Faculty of Medicine

Ain Shams University, Cairo, Egypt, 1989-1995

MEDICAL TRAINING

- Summer student exchange program
 - Zagreb (Yugoslavia) 1990
 - Lisbon (Portugal) 1991
 - Granada (Spain) 1996

- Rotator House Officer
Ain Shams University Hospitals

- Residency in Ophthalmology Department
Faculty of Medicine
Ain Shams University, 1997-2000

- Ophthalmic Fellow
Magrabi Eye & Ear Hospital
Jeddah, Saudi Arabia, 2001-2002