

CURRICULUM VITAE

Nakhleh Elias Abu-Yaghi, MBBS, FACS

**Professor of Ophthalmology and Vitreoretinal
Surgery**

**Faculty of Medicine
The University of Jordan**

**Deputy Director for Medical Affairs
Jordan University Hospital**

October 2023

SHORT BIOGRAPHY



Nakhleh E. Abu-Yaghi, MBBS, FACS is a professor of Ophthalmology and Vitreoretinal Surgery at the Faculty of Medicine, The University of Jordan since 2022. His clinical and research interests span a multitude of surgical and medical ophthalmic and retinal diseases including diabetic retinopathy, retinal vascular occlusions, age-related macular degeneration, retinal detachments, ocular tumors, glaucoma and inflammatory eye conditions. He received his primary medical degree and his Higher Specialization degree in Ophthalmology from the University of Jordan, and completed a vitreoretinal surgical fellowship at Mayo Clinic, Rochester, Minnesota in 2010.

Professor Abu-Yaghi is currently the Deputy Director for Medical Affairs and Head of the Quality Control Office at Jordan University Hospital, and has served as Chair of the Ophthalmology Division between 2020 and 2023. He has also served as Deputy Director for Administrative Affairs between 2018-2021. He is a staunch fighter against smoking, a Certified Tobacco Treatment Specialist and Head of the Anti- Smoking Committee since 2015. He is a certified hospital surveyor for the Health Care Accreditation Council of Jordan since 2020 and is the Head of the Quality Control Office at Jordan University Hospital since 2023. Professor Abu-Yaghi remains actively engaged in students' counseling about career choices and coaches a football team of medical students and residents.

PERSONAL INFORMATION:

Name: Nakhleh Elias Abu-Yaghi
Place of birth: Amman, Jordan
Citizenship: Jordanian
Date of birth: February 25th, 1978
Gender: Male
Marital Status: Married
Phone: +962 777 530953, +962 798 504937
Email: nakhlehabuyaghi@yahoo.com,
n.abuyaghi@ju.edu.jo
Work Address: Department of Ophthalmology/
Jordan University Hospital
Queen Rania Street
The University of Jordan
Amman 11942 Jordan

CURRENT POSITION:

- Professor of Ophthalmology and Vitreoretinal Surgery
Senior Consultant Ophthalmologist/Vitreoretinal Surgeon
Faculty of Medicine, the University of Jordan, Amman- Jordan
(2022-now)

- Deputy Director for Medical Affairs

Jordan University Hospital

(2023-now)

- Head of Quality Control Office

Jordan University Hospital (2023- now)

- Consultant Ophthalmologist/Vitreoretinal Surgeon

The National Center for Diabetes, Endocrinology and Genetics, Amman- Jordan

(2011-now)

PREVIOUS POSTS:

- Head of Ophthalmology Division

Jordan University Hospital (2020-2023)

- Associate Professor of Ophthalmology

Consultant Ophthalmologist/Vitreoretinal Surgeon

Faculty of Medicine, the University of Jordan, Amman- Jordan

(2015-2022)

- Deputy Director for Administrative Affairs

Jordan University Hospital (2018-2021)

- Assistant Professor of Ophthalmology

Consultant Ophthalmologist/Vitreoretinal Surgeon

Faculty of Medicine, the University of Jordan, Amman- Jordan

(2010-2015)

- Vitreoretinal Surgery Fellow
Mayo Clinic, Rochester, Minnesota
United States of America
(2008-2010)
- Ophthalmology Fellow/Teaching Assistant
Faculty of Medicine, the University of Jordan
Amman- Jordan
(2007-2008)
- Ophthalmology Resident
Jordan University Hospital
Amman- Jordan
(2003-2007)
- Intern
Jordan University Hospital
Amman- Jordan
(2002-2003)

MEDICAL EDUCATION, CERTIFICATES AND QUALIFICATIONS:

- Certificate of Vitreoretinal Surgery Fellowship
Mayo School of Graduate Medical Education
Mayo Clinic, Rochester, Minnesota
United States of America
(2008-2010)
- Certificate of the Education Commission for Foreign Medical Graduates
[ECFMG] (USA)
(2008)
- General Ophthalmology Fellowship

Jordan University Hospital
Amman, Jordan
(2007-2008)

- Certificate of the Jordanian Board in Ophthalmology
(2007)
- Certificate of the International Council of Ophthalmology [ICO]
(2007)
- Academic Certificate of Higher Specialization in Ophthalmology
Faculty of Graduate studies
The University of Jordan
(2003-2007)
- Professional Linguistic and Assessment Board (PLAB) (UK)
(2005)
- Internship
Jordan University Hospital
(2002-2003)
- M.B.B.S degree
Faculty of Medicine
The University of Jordan
Class Valedictorian
(1996-2002)
- Certified Tobacco Treatment Specialist (TTS)
Center for Tobacco Treatment Training Programs
(Since April 2018)
- Certified Surveyor
Health Care accreditation Council (HCAC)
(Since September 2019)

NON-MEDICAL CERTIFICATIONS:

- IELTS (International English Language Testing System) certificate
(Total score of 8.0/9)
(2007)

- General Certificate of Secondary Education (Scientific Stream)
(Total score of 97.6/100)
Terra Sancta College, Amman- Jordan
Class Valedictorian
(1996)

PUBLICATIONS:

1. Mutasem Elfalah, Saif Aldeen Alryalat, Nakhleh E. Abu-Yaghi, Mona Mohammad, Ibrahim AlNawaiseh, Deema Rayyan, Moath Albliwi, Mohammad Elfalah, Fawaz AlSarairah and yaxoub Yousef. **The Impact of Color Vision Deficiency on the Capability of Ophthalmologists to Diagnose Benign and Malignant Choroidal Tumors.** *J. Clin. Med.* 2023, *12*(7), 2744; <https://doi.org/10.3390/jcm12072744>.
2. Abu-Yaghi N, Obiedat A, Abdaljaleel M, Ar'ar T, Al-Abbadi M. **Diplopia and Vision Loss Associated With Presumed Systemic Lymphohistiocytic Disease: A Case Report.** *Clin Med Insights Case Rep.* 2022 Nov 22;15:11795476221137262. doi: 10.1177/11795476221137262. eCollection 2022.
3. Nawaiseh M, Roto A, Nawaiseh Y, Salameh M, Haddadin R, Mango L, Nawaiseh H, Alsarairah D, Nawaiseh Q, AlRyalat SA, Alwreikat A, Ramsey DJ, Abu-Yaghi N. **Risk factors associated with sickle cell retinopathy: findings from the Cooperative Study of Sickle Cell Disease.** *Int J Retina Vitreous.* 2022 Sep 22;8(1):68. doi: 10.1186/s40942-022-00419-8.
4. Alaa Roto, Randa Farah, Mahmood Al-imam, Mohammad Q. Al-Sabbagh, Nakhleh Abu-Yaghi. **Prevalence, characteristics and risk factors of diabetic retinopathy in type 2 diabetes mellitus patients in Jordan: a cross sectional study.** *J Int Med Res.* 2022 Aug;50(8):3000605221115156.
5. Sana' Mohsen, Allaa Roto, Mohammad Al- Sabbagh, Leen Al-Huneidy, Nura AlRamahi, Naja Alhalaybeh, Duaa Kotkot, Somaya Alkiswani, Abdallah Al-Ani, Nakhleh Abu-Yaghi. **Smartphone ophthalmoscopy versus slit-lamp examination for the optic nerve head evaluation: a digital apparatus into medical education.** *Eur J Ophthalmol.* 2022 Jul 15:11206721221113827. doi: 10.1177/11206721221113827.
6. Mutasem Elfalah, Mona Mohammad, Mario Damiano Toro, Nakhleh Abu-Yaghi, Yacoub A. Yousef. **Anterior Ocular Biometrics as Measured by High-Frequency Ultrasonography.** *Healthcare* (Basel). 2022 Jun 24;10(7):1188. doi: 10.3390/healthcare10071188.

7. Nakhleh Abu-Yaghi, Jihad Meqbil, Zuhair Sharif, Layth Helwa, Mahmood Al-Imam, Zeina Abumanneh. **Characteristics of Visual Impairment and the Impact of Low Vision Assessment in a Tertiary Academic Hospital in Jordan.** *Clin Optom (Auckl)*.2022 Apr 15;14:67-74.doi: 10.2147/OPTO.S364010. eCollection 2022.
8. Nakhleh Abu-Yaghi, Asma Aljesrawi, Manar Alafeshat, Baraa Mafrachi, Nisreen Abu Shahin. **Primary ovarian adenocarcinoma presenting with rubeotic glaucoma and vitritis: A case report.** *Clin Case Rep.* 2022 Apr 8;10(4):e05729. doi: 10.1002/ccr3.5729. eCollection 2022 Apr.
9. Nakhleh E Abu-Yaghi, Abdelrahman F Obiedat, Tamara I AlNawaiseh , Ali M Hamad, Basil A Bani Ata, Ahmad A Quzli, Saif Aldeen AlRyalat. **Optical Coherence Tomography Angiography in Healthy Adult Subjects: Normative Values, Frequency, and Impact of Artifacts.** *Biomed Res Int.* 2022 Mar 7;2022:7286252.doi: 10.1155/2022/7286252. eCollection 2022.
10. Al Saad M, Shehadeh A, Meqbil J, Elubous K, Qablawi M, Abu-Yaghi NY. **Relationship Between Central Corneal Thickness and Ganglionic-Inner Plexiform Cell Layer and Retinal Nerve Fibre Layer Thickness in Normal Subjects.** *Clin Ophthalmol* 2021 Apr 28;15:1809-1812.doi: 10.2147/OPHTH.S308585. eCollection 2021.
11. Nakhleh E Abu-Yaghi, Ahmad M AlNawaiseh, Issam M Khourshid , Tala J AlRawashdeh, Majd M Al Rawashdeh, Ayat M Zghoul, Abdallah N Shafagoj, Yousif A Alomairi, Sana' M Muhsen, SaifAldeen S AlRyalat. **Central macular thickness in patients with sickle cell disease and no signs of retinopathy: a cross-sectional study of Jordanian patients.** *J Int Med Res* 2021 Apr;49(4):300060520977387.doi: 10.1177/0300060520977387.
12. Faisal Khatib , Nafez Abu Tarboush, Nakhleh Abu-Yaghi, Mohammad Alazzam, Abdallah Al-Ani, Baraa Mafrachi. **Evaluating Awareness and Practices Towards Diabetes and Diabetic Retinopathy in Adult Patients Attending the Eye Clinic in a Tertiary Academic Hospital in Jordan.** *Clin Ophthalmol*.2021 Mar 26;15:1309-1316.
13. Yacoub A. Yousef, Ibrahim Al-Nawaiseh, Mustafa Mehyar, Iyad Sultan, Maysa Al-Hussaini, Imad Jaradat, Mona Mohammad, Reem AlJabari, Nakhleh Abu-Yaghi, Carlos Rodriguez- Galindo, Ibrahim Qaddoumi, Matthew Wilson. **How Telemedicine and Centralized Care Changed the**

- Natural History of Retinoblastoma in a Developing Country: Analysis of 478 Patients.** *Ophthalmology*. 2021 Jan;128(1):130-137. doi: 10.1016/j.optha.2020.07.026. Epub 2020 Jul 16.
14. Omar A Saleh, Hisham Jammal, Noor Alqudah, Asem Alqudah, and Nakhleh Abu-Yaghi. **Clinical Experience in the Administration of Intravitreal Injection Therapy at a Tertiary University Hospital in Jordan During the COVID-19 Lockdown.** *Clin Ophthalmol*. Aug 2020; 14: 2473–2480.
 15. Nakhleh E Abu-Yaghi , Yazan A Abu Gharbieh , Ahmad M Al-Amer , Saif Aldeen S AlRyalat , Mohammed B Nawaiseh , Mohammad J Darweesh , Leen R Alkukhun , Alaa M Abed , Omar A Saleh , Osama H Ababneh. **Characteristics, fates and complications of long-term silicone oil tamponade after pars plana vitrectomy.** *BMC Ophthalmol* 2020 Aug 17;20(1):336.
 16. Nakhleh Abu-Yaghi, Nafez Abu Tarboush, Ala Abojaradeh, Amal Al-Akily, Esra'a Abdo, Laith Emoush. **Relationship between Serum Vascular Endothelial Growth Factor Levels and Stages of Diabetic Retinopathy and other Biomarkers.** *J Ophthalmol*. 2020 Jul 22;2020:8480193.
 17. Nawaiseh, Rund R. Haddadin, Belal Al Droubi, Hussam B. Nawaiseh, Salameh Alarood, Emad Aborajoo, Mohammad Abufaraj, Nakhleh E. Abu-Yaghi. **The Association Between Personality Traits and Specialty Preference Among Medical Students in Jordan.** *Psychol Res Behav Manag* .2020 Jul 24;13:599-607.
 14. Saleh OA, Alshamarti SA, Abu-Yaghi NE. **Comparison of Characteristics and Clinical Outcomes in 27-Gauge versus 23-Gauge Vitrectomy Surgery.** *Clin Ophthalmol*. 2020, 14:1553-1558.
 15. Abu-Yaghi NE, Abed AM, Khlaifat DF, Nawaiseh MB, Emoush LO, AlHajjaj HZ, Abojaradeh AM, Hattar MN, Abusaleem SK, Sabbagh HM, Abu Gharbieh YA, Quaqazeh SA. **Factors Affecting Compliance to Anti-Vascular Endothelial Growth Factor Treatment of Diabetic Macular Edema in a Cohort of Jordanian Patients.** *Clin Ophthalmol*. 2020 Mar 24;14:921-929. doi: 10.2147/OPTH.S248661. eCollection 2020.
 16. Alshammas, F, Al-Nsoor, L, Bsisu, I, Abu-Yaghi, N. **Visual prognosis following acute central retinal artery occlusion in the presence of a patent cilioretinal artery.** The 4th Jordanian Annual Surgical Clinical Congress/ Jordan Chapter of the American College of Surgeons, Amman, Jordan.

17. Tarboush NA, Abu-Yaghi NE, Al Ejeilat LH, Wahed RKA, Jeris IN. **Association of Irisin Circulating Level with Diabetic Retinopathy: A Case-Control Study.** *Exp Clin Endocrinol Diabetes.* 2018 Sep 17. doi: 10.1055/a-0723-3749.
18. Abu-Yaghi, NA, Shokry AN, Farah, MS. **Ocular, Tomographic and Electrophysiological Findings in a Patient with Chronic Lead Toxicity.** *Ophthalmic Res* 54(suppl 1) 1-74 (2015).
19. Abu-Yaghi, NA, Shokry AN. **Acute Posterior Multifocal Placoid Pigment Epitheopathy versus Vogt- Koyanagi-Harada Disease: Tomographic Characteristics.** *J Med J* 2015; Vol. 49 (2): 95-100
20. Abu-Yaghi NA, Shokry AN, Abu-Sbeit RH. **Bilateral same –session intravitreal injections of anti-vascular endothelial growth factors.** *Int J Ophthalmol* 2014;7(6):1017-1021
21. Abu-Yaghi, N, Shokry A, Ghanem A. **Escherichia coli metastatic bilateral endophthalmitis after shock wave lithotripsy in a diabetic patient.** *Ophthalmologica* 232(suppl 2) 1-98(2014)
22. Abu- Yaghi, N. **Relentless placoid chorioretinitis in a patient with Hodgkin's Lymphoma.** *Ophthalmologica* 232(suppl 2) 1-98(2014)
23. Ababneh OH, Yousef YA, Gharaibeh AM, Abu Ameerh MA, Abu-Yaghi NE, Al Bdour MD. **Intravitreal Bevacizumab in the treatment of diabetic ocular neovascularization.** *Retina.* 2013 Apr;33(4):748-55.
24. Ahuja Y, Kapoor KG, Thomson RM, Furutani KM, Shultz RW, Stafford SL, Dev S, Abu-Yaghi NE, Reynolds D, Pulido JS. **The effects of intraocular silicone oil placement prior to iodine 125 brachytherapy for uveal melanoma: a clinical case series.** *Eye (Lond).* 2012 Nov; 26(11):1487-9.
25. Miles SL, Niles RM, Pittock S, Vile R, Davies J, Winters JL, Abu-Yaghi NE, Grothey A, Siddiqui M, Kaur J, Hartmann L, Kalli KR, Pease L, Kravitz D, Markovic S, Pulido JS. **A factor found in the IgG fraction of serum of patients with paraneoplastic bilateral diffuse uveal melanocytic proliferation causes proliferation of cultured human melanocytes.** *Retina.* 2012 Oct; 32(9):1959-66.

26. Abu-Yaghi NE, Bakri SJ. **The use of antivascular endothelial growth factor agents in the peri-operative period in diabetic vitrectomy.** *Middle East Afr J Ophthalmol.* 2012 Jan; 19(1):83-7.
27. Abu-Yaghi NE, Hartono SP, Hodge DO, Pulido JS, Bakri SJ. **White dot syndromes (WDS): a 20-year study of incidence, clinical features and outcomes.** *Ocul Immunol Inflamm.* 2011 Dec; 19(6):426-30.
28. Al Bdour M, Madieh S, Younes A, Abu-Yaghi N. **Correlation between central corneal thickness, corneal curvature, corneal endothelial cell density and intraocular pressure measurements among a sample of non – glaucomatous population in Jordan.** *Jordan Medical Journal* 2009; 43 (2): 98-106.
29. Al Amer R, Khader Y, Malas S, Abu-Yaghi N, Al Bdour M, Ajlouni K. **Prevalence and risk factors of Diabetic Retinopathy among Jordanian patients with type 2 Diabetes.** *Digital Journal of Ophthalmology* 2008, Vol 14, number 2.
30. Khawaja NM, Taher BM, Barham ME, Naser AA, Hadidy AM, Ahmad AT, Hamamy HA, Yaghi NA, Ajlouni KM. **Pituitary Enlargement in Patients with Primary Hypothyroidism.** *Endocrine Practice* Vol 12 No. 1 January/February 2006
31. **Proliferative diabetic retinopathy: surgical considerations;** in *Vitreoretinal Surgery*, first Edition (2012). Edited by Sandeep Saxena, Carsten Meyer, Masahito Ohji and Levent Akduman. Published by Jaypee Brothers Medical Publishers.
32. **Age-related Macular Degeneration;** in *Ocular Therapeutics Handbook: A Clinical Manual*, third edition (2011). Edited by: Bruce E. Onofrey, Leonid Skorin Jr. and Nicky R. Holdeman. Published by Lippincott, Williams and Wilkins.
33. **Macular Holes;** in *Ocular Therapeutics Handbook: A Clinical Manual*, third edition. Edited by: Bruce E. Onofrey, Leonid Skorin Jr. and Nicky R. Holdeman. Published by Lippincott, Williams and Wilkins.

INTERNATIONAL RESEARCH COLLABORATIONS:

- Collaborator, The VIEW-1 Study of VEGF Trap for Wet Age-related Macular Degeneration.
- Collaborator, Comparison of Age-related Macular Degeneration Treatments Trials (CATT) Research Group.

CONFERENCE PAPERS AND PRESENTATIONS:

1. **Unilateral Retinitis Pigmentosa.** Presented at the 5th MideterRetina Conference, Dead Sea- Jordan; November 2011.
2. **Visual Abnormalities in Patients with Down's Syndrome.** Presented at the Down's syndrome Symposium, The University of Jordan, Amman, Jordan; May 2011.
3. **Graves Disease: Eye of the Beholder.** Presented at the National Center for Diabetes, Endocrinology and Genetics, Amman- Jordan. October 2011.
4. **ND: Yag laser posterior hyaloidotomy for Valsalva premacular hemorrhage.** Presented at the First Palestinian Jordanian Ophthalmology Conference and the Second Ministry of Health Ophthalmology Conference. Amman, Jordan; April 2012.
5. **The Use of Antivascular Endothelial Growth Factor Agents in the Perioperative Period in Diabetic Vitrectomy.** Presented at the First Palestinian Jordanian Ophthalmology Conference and the Second Ministry of Health Ophthalmology Conference. Amman, Jordan; April 2012.

6. **Indirect Ophthalmoscopy: The Dark Side of the moon.** Presented at Ibn Al Haitham Hospital, Amman-Jordan; February 2013.
7. **Vision in Autistic Children (Keynote Speaker).** Presented at the Middle East Symposium on Autism. American University of Madaba. April 2013.
8. **Low Vision: cracking the code.** Presented at the 11th International Jordanian Ophthalmic Society Conference, Amman- Jordan. May 2013.
9. **VEGF suppression in Irvine- Gass syndrome.** Presented at the 11th International Jordanian Ophthalmic Society Conference, Amman- Jordan. May 2013.
10. **OCT in retinal disease.** Presented at the 11th International Jordanian Ophthalmic Society Conference, Amman- Jordan. May 2013.
11. **Losing capsular support: Options on the battlefield.** Presented at the 11th International Jordanian Ophthalmic Society Conference, Amman- Jordan. May 2013.
12. **Retina/RPE/Choroid: Footprints of Evil.** Presented at the first Jordanian Retina Subspecialty day, Amman, Jordan. March 2014.
13. **Escherichia coli metastatic bilateral endophthalmitis after shock wave lithotripsy in a diabetic patient.** Presented in poster form at the 14th ESASO Retina Academy, Istanbul, Turkey. November 2014.
14. **Relentless placoid chorioretinitis in a patient with Hodgkin's Lymphoma.** Presented in poster form at the 14th ESASO Retina Academy, Istanbul, Turkey. November 2014.
15. **In Darkest Night: Combined central retinal artery and central retinal vein occlusion.** Presented at the 12th International Jordanian Ophthalmic Society Conference, Amman- Jordan. May 2015.
16. **Long Term Appraisal of Prompt Nd:YAG Laser Posterior Hyaloidotomy as a Treatment Option for Valsalva Pre-Macular Hemorrhage.** Presented at the 15th EURETINA Congress, Nice, France. September 2015.
17. **Ocular, Tomographic and Electrophysiological Findings in a Patient with Chronic Lead Toxicity.** Presented at the 15th ESASO Retina Academy, Barcelona, Spain. October 2015.
18. **Ocular Manifestations in Down's syndrome.** The 5th National Conference on Down's syndrome, Amman, Jordan March 2016

19. **Bilateral Intra-vitreous Injections in the Same Session: Lessons and Observations.** Presented at the first international Jordanian American Ophthalmology Congress, Amman, Jordan. June 2016.
20. **Uveitis: 10 Die Hard Questions.** Presented at the Ibn Al Haitham Hospital Scientific Activity, Amman, Jordan. November 2016.
21. **Close Encounters of the Retina Kind.** Presented at the Ibn Al Haitham Hospital Scientific Activity, Amman, Jordan. May 2017.
22. **Diabetic Retinopathy: New Insights.** Presented at the 2nd International Conference for Dr. Jamil Al- Totanji Hospital, Sahab, Jordan. May 2017.
23. **Diabetic Retinopathy: Where Do We Stand?** Presented at the Ophthalmology Assembly- Updates in Ocular Disease Management. Amman, Jordan. August 2017.
24. **Extraction of Metallic Intraocular Foreign Body Using the Dormia Basket.** Presented at the 13th International Jordanian Ophthalmological Society Congress, Amman, Jordan. September 2017.
25. **The Perfect Conundrum.** Presented at Ibn Al- Haitham Hospital. February 2018
26. **Multimodal Imaging: Getting the Case Right.** Presented at the First Jordanian Ophthalmic Imaging Course. Amman, Jordan. April 2018
27. **The Argument for off-label Treatment: A glaring Example from Ophthalmology.** Presented at the 2nd International Medical Conference for the Ajloun subcommittee of the Jordanian Medical Association. Ajloun, Jordan. April 2018
28. **VEGF Suppression: The Global Burden.** Presented at the 3rd International Conference for Dr. Jamil Al- Totanji Hospital, Sahab, Jordan. August 2018.
29. **Drive for Better Vision Debate: Is treatment with 5-6 injections of Anti-VEGFs necessary in DME?** Presented at Drive For Better Vision Conference, Dubai/UAE. November 2018.
30. **Retina: Red Nails.** Presented at Jordan University Hospital Ophthalmology Department Morning Activity. November 2018.
31. **Uveitis: Book of the Demon.** Presented at the American Academy of Ophthalmology Intraocular Inflammation and Uveitis Course. Amman. December 2018
32. **Retina/Vitreous/Choroid: The Lost Chapter.** Presented at the Eye Specialty Morning Activity. Amman. March 2019

33. **Rubeotic Omen: When Death Lends and Eye.** Presented at the King Hussein Cancer Center Surgical Oncology Conference. Amman, Jordan. April 2019
34. **A Novel Biomarker for Diabetic Retinopathy.** Presented at the Middle East Africa Congress of Ophthalmology 2019. Dead Sea, Jordan. September 2019
35. **Compliance to anti-VEGF treatment in AMD: insights and Challenges.** Presented at the Middle East Africa Congress of Ophthalmology 2019. Dead Sea, Jordan. September 2019
36. **Visual prognosis following acute central retinal artery occlusion in the presence of a patent cilioretinal artery.** Presented at the 4th Jordanian Annual Surgical Clinical Congress/ Jordan Chapter of the American College of Surgeons, Amman, Jordan. September 2019
37. **Meet The Experts Panel. Retina Standalone meeting.** Amman, Jordan October 2019
38. **Diabetic Retinopathy: The Secret Molecule.** Presented at Ibn Al- Haitham Hospital, Amman, Jordan. December 2019
39. **Intraocular Tumors: A Survival Guide.** Presented at the First Ocular Oncology/Onco-pathology Day at the King Hussein Cancer Center. Amman, Jordan. December 2019
40. **Role of OCT in Diagnosis and Management of Age-related Macular Degeneration.** Presented virtually in IMAGE: Clinical application of OCT in the diagnosis & management of retinal disease. May 2020
41. **Visual Impairment: Picture Imperfect.** Presented at the German Jordanian University Visual Impairment Inclusion Workshop. December 2022.
42. **Intraocular tumors: An Overview.** Presented at the Third Ocular Oncology/Onco-pathology Day at the King Hussein Cancer Center. Amman, Jordan. December 2022

SCIENTIFIC MEETINGS, CONFERENCES, WORKSHOPS AND ACTIVITIES:

1. The joint 10th Congress of Jordanian Ophthalmic Society & 6th Congress of Pan Arab Ophthalmic Association/ Amman, Jordan. (April 2011)
2. 11th Euretina Congress/ London- UK (May 2011)
3. Staff Development Workshops. The University of Jordan/Amman, Jordan (January-February 2012)
4. The 3rd World Congress on Controversies in Ophthalmology/ Istanbul, Turkey (March 2012)
5. Statistics Analysis Using SPSS Workshop. The University of Jordan/ Amman, Jordan. (June 2012)
6. Writing Research Papers for International Publication in the Health Field Workshop. The University of Jordan/ Amman, Jordan. (July 2012)
7. Step 2 Retina Workshop (Novartis)/ Frankfurt, Germany (October 2012)
8. Basic Life Support Workshop. Jordan University Hospital/ Amman, Jordan. (March 2013)
9. The 11th International Congress of Jordanian Ophthalmic Society/ Amman, Jordan. (May 2013)
10. The 19th Congress of the European Society of Ophthalmology (SOE)/ Copenhagen, Denmark (June 2013)
11. The First Jordanian Oculoplastic Subspecialty Day. Amman, Jordan (November 2013)

12. The first Jordanian Pediatric Ophthalmology and Strabismus Subspecialty Day/ Amman, Jordan (February 2014)
13. World Ophthalmology Congress 2014/ Tokyo- Japan. (April 2014)
14. The first Jordanian Anterior Segment Conference: "Cornea, Refractive Surgery, Cataract and Glaucoma". Amman, Jordan (May 2014)
15. The 14th ESASO Retina Academy, Istanbul, Turkey. (November 2014)
16. The 3rd Qatari Ophthalmology Conference and the 6th MEACO advanced uveitis course, Doha- Qatar. (January 2015)
17. The 12th International Jordanian Ophthalmic Society Conference, Amman- Jordan. (May 2015)
18. Gulf Nurse Retina Master Class, Amman, Jordan. (June 2015)
19. 15th EURETINA Congress, Nice, France. (September 2015)
20. 15th ESASO Retina Academy, Barcelona, Spain. (October 2015)
21. The 5th National Conference on Down's syndrome, Amman, Jordan (March 2016)
22. The 24th annual meeting of the Lebanese Ophthalmological Society, Beirut, Lebanon. (May 2016)
23. The 1st International Jordanian American Ophthalmology Congress, Amman, Jordan. (June 2016)

24. The 3rd International Conference for the School of Medicine, The University of Jordan and the 8th International Conference for Scientific Society for Arab Faculties of Medicine (Arab Simulation Conference in Medical Education) "ASCME 2016", Amman, Jordan (October 2016)
25. Foremost Forum on Macular Disease (FOCUS 2016), Dubai, UAE (November 2016)
26. Retina Preceptorship Program, University of Bonn, Germany (November 2016)
27. The 10th International Conference on Clinical and Experimental Ophthalmology, Dubai, UAE (November 2016)
28. The 2nd International Medical Conference For Dr. Jamil Al- Totanji Hospital, Sahab, Jordan (May 2017)
29. The Ophthalmology Assembly- Updates in Ocular Disease Management. Amman, Jordan (August 2017)
30. The 17th EURETINA Congress, Barcelona, Spain (September 2017)
31. The 13th International Jordanian Ophthalmological Society Congress, Amman, Jordan (September 2017)
32. First Eastern Mediterranean Summit on Tobacco Dependence Treatment, Amman, Jordan (November 2017)
33. The 11th Asia-Pacific Vireoretinal Society Congress. Kuala Lumpur, Malaysia (December 2017)

34. Electronic Education Module course (MOODLE). Accreditation and Quality Assurance Center. The University of Jordan (January 2018)
35. The Retina Beyond Meeting. Prague, The Czech Republic (March 2018)
36. Research by Data Science course. Accreditation and Quality Assurance Center. The University of Jordan (March 2018)
37. King Hussein Cancer Center Tobacco Dependence Treatment Program. Amman, Jordan (March 2018)
38. Developing and editing scientific content course using Camtasia9 course. Accreditation and Quality Assurance Center. The University of Jordan (April 2018)
39. The First Jordanian Ophthalmic Imaging Course. Amman, Jordan. (April 2018)
40. The 2nd International Medical Conference for the Ajloun subcommittee of the Jordanian Medical Association. Ajloun, Jordan. (April 2018)
41. The 26th annual meeting of the Lebanese Ophthalmological Society. Beirut, Lebanon (April 2018)
42. Language errors in procedural writing course. Accreditation and Quality Assurance Center. The University of Jordan (May 2018)
43. Innovation in Leadership course. Amman, Jordan (July 2018)
44. The 36th American Society of Retina Specialists Meeting. Vancouver, Canada (July 2018)
45. The 3rd International Conference for Dr. Jamil Al- Totanji Hospital, Sahab, Jordan (August 2018)

46. Strategic Planning Course. Amman, Jordan (August 2018)
47. Drive for Better Vision Conference. Dubai, UAE (November 2018)
48. Higher Administration Course. Amman, Jordan (January 2019)
49. Writing research papers using LaTeX. Amman, Jordan (March 2019)
50. Scientific Research Skills. Amman, Jordan (April 2019)
51. Basic Computer Skills, Amman, Jordan (April 2019)
52. Canadian Ophthalmic Society Annual Meeting. Quebec City, Canada (June 2019)
53. Middle East Africa Congress of Ophthalmology 2019. Dead Sea, Jordan (September 2019)
54. Standalone Retina Meeting. Amman, Jordan (October 2019)
55. Macula Preceptorship Program at Moorfield Eye Hospital. London, England (December 2019)
56. The First Ocular Oncology/Onco-pathology Day at the King Hussein Cancer Center. Amman, Jordan (December 2019)
57. IMAGE: Clinical application of OCT in the diagnosis & management of retinal disease. Virtual Meeting (May 2020)
58. EURETINA 2020. Virtual Meeting (October 2020).
59. American Academy of Ophthalmology 2020. Virtual Meeting (November 2021)
60. EURTINA 2021. Virtual Meeting (September 2021).
61. The Second King Hussein Cancer Center Ocular Oncology Meeting (December 2021).
62. The German Jordanian University Visual Impairment Inclusion Workshop. (December 2022).
63. The Third Ocular Oncology/Onco-pathology Day at the King Hussein Cancer Center. Amman, Jordan. (December 2022).
64. The 9th EPOMECE Meeting. Dubai, UAE (December 2022).

MEMBERSHIPS AND AFFILIATIONS:

1. Fellow of the American College of Surgeons (since 2020)
2. American Academy of Ophthalmology (2008-2010)
3. MediterRetina Club (2011- now)
4. Jordanian Ophthalmological Society (2007- now)
5. Jordan Medical Association (2002- now)

MANAGEMENT AND MEDICAL LEADERSHIP EXPERIENCE:

1. Member of the General Assembly of the Jordanian Universities Alliance (since 2019)
2. Member of the administrative committee for the insurance fund for medical malpractice, The Higher Medical Council (2019-2020)
3. Member of the Jordanian Anti-Smoking University Alliance (since 2019)
4. Member of the University of Jordan Investigative Committee for Students Violations (2019-2020)
5. Retina coordinator for the scientific committee of the Middle East Africa Congress of Ophthalmology /Dead Sea, Jordan (2019)
6. Member of the University of Jordan Council (representative of the School of Medicine) (2018-2019)
7. Member of The Students Orientation Committee (2018-2019)
8. Member of the Anti-Smoking Committee at the University of Jordan (2018-now)
9. Member of the academic committee for Emergency Medicine/ Jordan University Hospital (since 2018)

10. Member of the founding committee for the Scientific Research Office/
School of Medicine- the University of Jordan (2018)
11. Member of the general assembly of the Friends of the Eye Bank and
Prevention of Loss of Vision Organization (since 2017)
12. Member of the Consultant Committee for AlTibbi.com
13. Member of the Medical Conference Committee/ The Jordan Society for
Scientific Research (JSSR) (2017-2019)
14. Member of the Social Committee for the 2nd Global Mental Health
Conference (October 2017)
15. Reviewer for the Jordanian Medical Journal (JMJ) (2017-now)
16. Member of the Scientific Committee of the 13th International Jordanian
Ophthalmic Society Conference, Amman- Jordan (September 2017)
17. Member of the Medical Files Committee for International Accreditation at
Jordan University Hospital (2017)
18. Member of the Social Committee for Arab Simulation Conference in
Medical Education (2016)
19. Reviewer for the British Medical Journal BMJ open (2016-now)
20. Member of the Medical Education and Curriculum Committee (2015-now)
21. Member of the Committee for Community Service and Extra-curricular
Activities (2015-2016)
22. Head of the Anti-Smoking Committee (2015-now)
23. Reviewer for the International Journal of Ophthalmology (IJO) (2015-
now)
24. Member of Global Bridges (Healthcare Alliance for Tobacco Dependence
Treatment) (2015-now)
25. Member of the general assembly of the Friends of the Jordanian Eye Bank
and Prevention of Blindness Society (2014-now)
26. Coordinator of the RETINA GROUP at the Jordanian Ophthalmological
Society (2012- now)
27. Member of the preparatory committee for the National Guide for
Screening and Intervention for Developmental Delay and Disabilities-
Higher Council for Affairs of Persons with Disabilities
28. Member of the Medical Committee for the Disabled at The University of
Jordan (2012-now)
29. Head of the Medical Graduates Committee- The University of Jordan
(2011-2012)
30. Member of the Medical School/Community Committee- The University of
Jordan (2011-2012)
31. Member of The library committee- The University of Jordan (2010-2011)

32. Former member of the Consultant Committee for Low Vision and Blindness / Low Vision Project- Jordan

33. Health editor for *JO Magazine*, an award-winning Jordanian social magazine (2004- 2006)

HOBBIES AND INTERESTS:

Oratory:

Valedictorian: Medical School Class of 2002, the University of Jordan.

Valedictorian: Class of 1996, Terra Sancta College.

Sports:

Captain of the WILDSTARS football team/ competing in urban football league tournaments in Amman- Jordan.

Music and Poetry: Player of the organ instrument and contributor (lyrics) to local musical bands.

Comic book art: avid fan and collector of classic and contemporary comic books.

LANGUAGES:

Arabic: Expert level competency.

English: Expert level competency.

French: Basic competency.

Spanish: Basic competency.

REFERENCES:

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