

Curriculum Vitae

Personal Information

Name: Khalid Mousa Ayed Al Zubi

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Marital Status: Married with four children

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Education and Qualifications

- The General Secondary Education Certificate: Southern Shonah Secondary School / Salt, Ministry of Education in July 1994, Amman - Jordan.
- M.B.B.S. Degree in Medicine and Surgery from Jordan University of Science and Technology / Faculty of Medicine, in June 19th 2000, Irbid - Jordan.
- Jordanian Board Certificate in Ophthalmology, part one from Jordan Medical Council, in 2004, Amman - Jordan.
- The Basic Science Assessment in Ophthalmology, part one of International Council of Ophthalmology in 2004.
- The Basic Science Assessment in Ophthalmology, part two (optics and refraction) of ICO in 2005.

- Jordanian Board Certificate in Ophthalmology, part two from Jordan Medical Council, in 2007, Amman - Jordan.
- The Clinical Science Assessment in Ophthalmology, part three of International Council of Ophthalmology in 2007.
- The Fellowship qua Surgeon in Ophthalmology, FRCS Ophthalmology – Glasgow, in 2009.

Current Position

Associate Professor at Faculty of Medicine, Mu'tah University, Al karak, Jordan-
Ophthalmology Consultant at Al Karak Governmental Hospital, Al Karak, Jordan.

Previous Positions

- Internship from Al-salt Hospital of Ministry of Health, Amman - Jordan from July 2000 to January 2001, and from Royal Medical Services of Jordan Armed Forces from January 2001 to June 2001.
- General Practitioner at Royal Medical Services from July 2001 to December 2002.
- Ophthalmology - Resident at King Hussein Medical Centre and Royal Medical Services from January 1st, 2003 to December 31st, 2006.
- Qualified Resident at King Hussein Medical Centre and Royal Medical Services from January 1st, 2007 to March 25th, 2007.
- Ophthalmologist at King Hussein Medical Centre / Royal Medical Services of Jordan Armed Forces from March 26th, 2007, then I started an unpaid vacation.
- Clinical Attaché (hands-on) in Bristol Eye Hospital in anterior segment department from May 14th, 2007 to June 15th, 2007.
- Clinical Attaché (hands-on) in Bristol Eye Hospital in vitreoretinal department from June 16th, 2007 to February 25th, 2008.
- An Ophthalmologist at King Hussein Medical Centre / Royal Medical Services of Jordan Armed Forces, from February 26th, 2008 to October 5th, 2008.
- Clinical Attaché (hands-on) in Bristol Eye Hospital in vitreoretinal department from October 6th, 2008 to March 29th, 2009.
- Specialist Registrar in ophthalmology in the Eye department at Mayday University Hospital, London-UK, form March 30th, 2009 until July 12th, 2009.
- Specialist Registrar in ophthalmology in the Eye department at Royal Albert Edward Infirmary, Wigan-Lancashire, UK, form July 20th, 2009 until August 2nd, 2009.

- Specialty Doctor in ophthalmology in the Eye department (vitreoretinal and glaucoma) at Princess of Wales Hospital, Bridgend, and Neath Port Talbot Hospital, Port Talbot-UK, from August 3rd, 2009 to February 28th, 2010.
- Staff Grade in Ophthalmology in the Eye department (vitreoretinal and glaucoma) at Worcestershire Royal Hospital, Worcester, and Kidderminster Hospital, Kidderminster-UK, from March 1st, 2010 to August 27th, 2010.
- An Ophthalmologist at King Hussein Medical Centre / Royal Medical Services of Jordan Armed Forces, from September 4th, 2010 until January 5th, 2012.
- An Ophthalmologist at Deccart Eye Centre, Amman, Jordan, from January 6th, 2012 until February 5th, 2012.
- Glaucoma and Oculoplastics Fellow at James Paget University Hospital, Great Yarmouth – Norfolk, UK, from February 6th, 2012 until May 6th, 2012.
- Associate Specialist (medical retina) at Russells Hall Hospital, Dudley, West Midlands, UK, from May 14th, 2012 until April 3rd, 2013 .
- Ophthalmology Consultant at Al Istiqlal Hospital, Amman, Jordan, from April 6th, 2013 until June 29th, 2013.
- Associate Specialist (locum) at Royal Bolton Hospital, Bolton, Lancashire, UK, from June 2nd, 2014 until June 27th, 2014.

Details of Training

Ophthalmology-residency program: (working hours: 48/week with on call Rota 1/4, and the timetable was: 4 sessions in casualty clinic, 2 sessions in theater, 4 sessions in the subspecialty clinic and 2 teaching sessions).

During each year of the residency program I had rotations in the five main departments of the eye unit: anterior segment, vitreoretinal, oculoplastic, pediatric and glaucoma, with an average number of patients per session of 35 patients.

Details of Clinical and Surgical Training in the Residency Program:

- First year: The first 3 months were an introductory course to be familiar with the ocular history and examination, minor ocular procedures and assisting in ocular surgeries. During the next 6 months I started my training on ECCE and squint surgeries step by step, so partially I did 10 ECCE surgeries and 8 squint surgeries with assistance. In the last 3 months I completely did 5 ECCE surgeries and 4 squint surgeries without any assistance.

- Second year: I did 30 ECCE surgeries, 10 squint surgeries, and regularly I have done: PRP, Cyclodestructive procedures (cyclocryotherapy), Nd: YAG laser capsulotomy, Peripheral laser iridotomy and Minor Ophthalmic operations.
- Third year: I did 40 ECCE surgeries, 12 squint surgeries, 3 ruptured globe repairs, in addition to the same regular procedures.
- Fourth year: I did 50 ECCE surgeries, 15 squint surgeries, 5 ruptured globe repairs, in addition to the same regular procedures.

Clinical and Surgical Skills

I have done the following procedures:

- ECCE + P/C IOL
- Squint surgeries (recession and resection)
- Ruptured globe repair
- Phacoemulsification and intraocular lens implantation
- Some oculoplastic procedures (lid lacerations repair, blepharoplasty, lateral canthal sling, lid mass excision, dermoid cyst excision and frontalis suspension)
- Intravitreal Injections
- Silicon oil removal
- Pars plana vitrectomy + S.O/ Gas
- Trabeculectomy
- Pterygium excision with flap
- PRP
- Cyclodestructive procedures (cyclocryotherapy and cyclodiode laser)
- Nd: YAG laser capsulotomy
- Peripheral laser iridotomy
- Botox injections
- Minor Ophthalmic operations (chalazion, cyst and nevus excisions, subtenon and subconjunctival injections ...)
- Phacoemulsification + p/c IOL
- Penetrating keratoplasty
- Oculoplastic procedures (Dacryocystorhynostomy, lacrimal intubation, ptosis repair, blepharoplasty, Orbital mass excision)
- Trabeculectomy
- Artificial drainage shunts (Malteno and Ahmed valves)
- Retinal detachment repair (scleral buckling)
- PPV + R.D repair
- PPV + ILM peeling
- Secondary A/C IOL implantation
- Refractive surgery procedures (PRK, LASIK and Cross Linking)

Details of Teaching during the Residency Program:

During each year there were: 2 teaching sessions, one journal club and one major round/week.

- First year: The teaching sessions covered most of the basic ocular science, and I presented two cases: optic disc drusens, posterior scleritis.
- Second year: The teaching sessions covered the common ophthalmic diseases and clinical skills, and I presented 4 cases: Benign intracranial hypertension, Acute angle closure glaucoma, Microbial keratitis and Keratoconus.
- Third year: A two sessions/week of case presentation done by residents, and I presented 5 cases (ruptured globe, endophthalmitis, phacomorphic glaucoma, graves disease and retinal detachment), and two lectures (conjunctivitis and orbital tumors).
- Fourth year: A two sessions/week of case presentation done by residents, and I presented 5 cases (Behcet disease, sympathetic ophthalmia, optic neuritis, age related macular degeneration and congenital esotropia), and 3 lectures (ptosis, congenital cataract and dacryocystitis).

Publications and Research Activities

- M. Droos and K. Al Zubi, "Percentage of Keratoconus in Vernal Catarrh Patients in Tafila", Pan Arab Medical Journal, December, 2008.
- T. Mustafa, K. Al Zubi and A. Alawneh, "Mechanical blepharoptosis and eyelid swelling caused by silicone oil", J optom, Vol 2, No. 1, 2009.
- K. Al Zubi, S. Porter and R. Shaikh, "The CVI Process of Registration Study", The Worcestershire Acute Hospitals NHS Trust Meeting, 27 July 2010. Worcestershire-UK.
- K. Al Zubi, "Ophthalmia Nodosa Secondary to Goliath Bird-eating Tarantula Hairs", The Third International Congress of the Jordanian Society of Russian – Speaking Doctors, 24-26 November 2010. Amman-Jordan.
- Khalid Al-Zubi¹, Fawaz Sarayrah¹ & Mahmoud Al-Awaishah¹, "Glaucoma Awareness and Knowledge among Jordanian People", Global Journal of Health Science; Vol. 9, No. 8; 2017.
- Khalid Mousa Al Zubi¹, Mohammed Salem Alsbou², Mahmoud Hussein Alkhasawneh³, Hani Mosleh Al-Shagahin⁴, "Nitisinone-Induced Keratopathy in Alkaptonuria Disease: A Case Report and Literature Review", Journal of Clinical and Diagnostic Research. 2018 June, Vol-12(6): ND01-ND03.
- Khalid Al-Zubi¹, Maali Hijazeen² & Rana Nasser³, "Quality of Life After Cataract Surgery in Jordan", Global Journal of Health Science; Vol. 10, No. 7; 2018.
- Khalid Al Zubi*, Fawaz Sarayrah and Khalil Alsalem, "Visual Outcomes after Silicone Oil Removal in Jordan", EC Ophthalmology 9.12 (2018): 752-757.

- Khalid Al Zubi*, Khalil Alsalem, “The effectiveness of patterned laser trabeculoplasty over 6 months period: A cohort study”, International Journal of Surgery Open 16 (2019) 18e21.
- Tawfiq Froukh1*, Ammar Hawwari2 and Khalid Al Zubi3, “Whole exome sequencing highlights variants in association with Keratoconus in Jordanian families”, BMC Medical Genetics (2020) 21:177.
- Fawaz Al Sarireh1 , Hamzeh Mohammad Alrawashdeh2 , Khalid Al Zubi1 , Khalil Al Salem1, “Role of bevacizumab intraocular injection in the management of neovascular glaucoma”, Int J Ophthalmol, Vol. 14, No. 6, Jun.18, 2021.
- Fawaz Al Sarireh1 , Hamzeh Mohammad Alrawashdeh2 , Khalid Al Zubi3 , Khalil Al Salem4, “Intravitreal Bevacizumab Alone Versus Combined Bevacizumab and Macular Grid Laser Photocoagulation in Diffuse Diabetic Macular Oedema”, JCDR/2020/45742.14179.
- Hamzeh Mohammad Alrawashdeh1,* , Khalid Al Zubi2 , Dina M. Abdulmannan3 , Omar Al-Habahbeh4 , Luai Abu-Ismaail5, “Conjunctivitis as the only sign and symptom of COVID-19: A case report and review of literature”, QATAR MEDICAL JOURNAL VOL. 2021 / ART. 31.
- Hani Mosleh Al-Shagahin1, Nesrin Mwafi2, Mahmoud Khasawneh3, Khalid Al Zubi1, Mohammad Alsbou4, “Ear, nose, and throat manifestations of alkaptonuria patients from Jordan”, Indian J Otol [serial online] 2019 [cited 2020 Nov 14];25:109-13.

Teaching Experience

- I participated in teaching the ophthalmology course for undergraduate medical students in Mutah University.
- I gave the following Lectures in RMS: conjunctivitis, orbital tumors, ptosis, congenital cataract and dacryocystitis.
- I participate in teaching the 3rd and 4th year medical students of Birmingham University.
- I participate in training the junior ophthalmologists in Russells Hall Hospital.

Conferences Attended

- The Third Regional Ophthalmological Meeting (Jordanian, Syrian and Lebanese) and the Seventh Congress of the Jordanian Ophthalmological Society (JOS). 17-19 March 2005. Amman – Jordan.
- The Third International Conference of the Royal Medical Services in collaboration with the Royal College of Physicians of London. 5-8 April 2006. Amman - Jordan.

- The Fourth International Conference of the Royal Medical Services .12-15 May 2008. Amman- Jordan.
- The Fifth Scientific Day-Faculty of Medicine, Mu'tah University, 15 April 2009. Al Karak-Jordan.
- The Worcestershire Acute Hospitals NHS Trust Meeting, 27 July 2010. Worcestershire-UK.
- The Third International Congress of the Jordanian Society of Russian – Speaking Doctors, 24-26 November 2010. Amman-Jordan.
- The Tenth International Congress of Jordanian Ophthalmic Society – The Sixth Congress of Pan Arab Ophthalmic Association, 14-16 April 2011, Amman-Jordan.
- The 5th Mediterretina Club International Meeting in Collaboration with the Jordanian Ophthalmological Society, 9-13 November 2011, Dead Sea-Jordan.
- JOS Winter Scientific Meeting 2016, February 4th, 2016, Dead Sea, Jordan.
- The First International Jordanian American Congress of Ophthalmology, 02–04 June 2016.
- The 17th Congress of the European Society of Retina Specialists, 7-10 September, Barcelona, Spain.
- The 5th International Congress on OCT Angiography and Advances in OCT in Rome, 15-16 December 2017, Rome, Italy.

Clinical Audits

- The Certificate of vision impairment- process of registration in Worcestershire Acute Hospitals, July 2010.
- Pascal Trabeculoplasty in James Paget University Hospital, May 2012.
- Evaluation of Cataract Surgery Service in Russells Hall Hospital, April 2013.

Society Memberships

Jordan Medical Association (14570)
 Jordanian Ophthalmological Society
 General Medical Council, UK (GMC Number: 7036674)
 Royal College of Physicians and Surgeons of Glasgow (50071)

Training Courses

- Resuscitation Course, 3 days duration in Royal Medical Services, 2002, Amman – Jordan.
- Corporate Induction Course, 1 day duration, 2009, United Bristol Healthcare NHS Trust. The Course included the following sessions:
 - Resuscitation
 - Health and Safety
 - Manual Handling
 - Clinical Governance and Patient Safety
 - Infection Control
 - Managing Violence and Aggression
 - Basic Awareness
 - Medicines Management
 - Blood Transfusion and Haematology
 - Occupational Health/HR and Medical Devices.
- Medical Approaches against Chemical Weapons training course, 2 weeks duration, in Royal medical services, 2002, Amman – Jordan.
- Comprehensive Course of Computer Skills, 100 hours, Falcons Cultural Center, 12-31 August 2006, Amman – Jordan.
- Microsurgical Skills Course at the Royal College of Ophthalmologists, London, 21-23 October 2009.
- The Basic Phaco Study Day at Alcon Laboratories (U.K) Ltd, 4th November 2009.
- The Phacoemulsification Course at Mahatme Eye Bank & Eye Hospital, Nagpur, India, from June 10th, 2013 to June 22nd, 2013.
- Vitreoretinal training course at Modern Eye Hospital, Nellore, India. From February 14th, 2016 to March 14th, 2016.

Referees

Miss T Richardson, FRCS (Ophth)

Consultant eye surgeon
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Mr. Ahmad Hassouneh.

Consultant Ophthalmic Surgeon (Vitreoretinal Surgeon)
King Hussein Medical Centre
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Mr. Aymen Madanat, FRCS, FRCOphth.

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