

## Harvard Medical School

**Date Prepared:** 3/26/2018

**Name:** Maan Alkharashi

### Education

Sept. 2002- June 2008	MD Excellent with honors degree	Medicine and Surgery	King Saud University Riyadh, Saudi Arabia
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### Postdoctoral Training

July 2008- June 2009	Intern	Medicine, Surgery, ED, ICU, Ophthalmology, OB/Gyn, Pediatrics	King Saud University Riyadh, Saudi Arabia
July 2010- June 2015	Resident	Ophthalmology	McGill University Montreal, Canada
July 2015- June 2016	Fellow	Pediatric Ophthalmology and Strabismus	BCH/MEEI- Harvard Medical School Boston, USA

### Appointments at Hospitals/Affiliated Institutions

July 2016 – Present	Attending Staff Clinical Associate		Boston Children’s Hospital Mass General Hospital, Brigham and Women’s, Beth Israel Hospital
	Assistant Staff		Mass Eye and Ear Infirmary

### Honors and Prizes

2004	Certificate of merit	Physiology department, King Saud University, Riyadh, Saudi Arabia
2004	Certificate of merit	Anatomy department, King Saud University, Riyadh, Saudi Arabia
2004	Certificate of merit	Histology department, King Saud University, Riyadh, Saudi Arabia
2004	Certificate of merit	Embryology department, King Saud University, Riyadh, Saudi

2005	Certificate of merit	Arabia Biochemistry department, King Saud University, Riyadh, Saudi Arabia	
2005	Certificate of merit	Physiology department, King Saud University, Riyadh, Saudi Arabia	
2005	Certificate of appreciation	Physiology department, King Saud University, Riyadh, Saudi Arabia	Best Presentation
2005	Certificate of merit	Anatomy department, King Saud University, Riyadh, Saudi Arabia	
2008	MBBS honor degree	King Saud University, Riyadh, Saudi Arabia	Excellent, 2nd on batch
2011, 2012 & 2013	Merit award for academic achievements	Saudi Cultural Bureau, Ottawa, Canada	
2013	Second prize for “best research project”	4th Annual H. Bruce Williams Pediatric Surgical Research Day, Montreal, Canada	
2013	First prize in the CAPOS Research awards	Canadian Ophthalmological Society Annual Meeting (COS), Montreal, Canada	
2014	The Guardian Angel Honor for outstanding patients care	The Royal Victoria Hospital, McGill, Montreal, Canada	
2016	Fellow Research Award	American Association for Pediatric Ophthalmology and Strabismus (AAPOS), Vancouver, Canada	

## **Report of Local Teaching and Training**

### **Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2011, 2012	Participated in McGill Eye Emergency Day Teaching ER residents	McGill university Montreal, Canada
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2013, 2014	Pediatric Ophthalmology and Strabismus Ophthalmology junior residents	McGill university Montreal, Canada
2013, 2014	Clinical Optics teaching Ophthalmology junior residents	McGill university Montreal, Canada
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9/2015	The Harvard Medical School Patient-Doctor II course Medical Students	Harvard Medical School Boston, MA
7/2016	Strabismus surgery and retinoscopy course Ophthalmology junior residents	Mass Eye and Ear, Harvard Medical School Boston, MA
9/2017	Pediatric conjunctivitis and infection Ophthalmology residents	Mass Eye and Ear, Harvard Medical School Boston, MA

### **Clinical Supervisory and Training Responsibilities**

2013- 2015	Supervised junior residents for many minor procedures (TAB, laser treatment, chalazion excision and pterygium excision)	McGill university
2015-2016	Supervised junior residents in clinics	Boston Children's Hospital / Mass Eye and Ear, Harvard Medical School
2016-2018	Supervised junior residents and fellows in clinics and ORs	Boston Children's Hospital / Mass Eye and Ear, Harvard Medical School

### **Local Invited Presentations**

2010	Optic Nerve Glioma/ Grand Rounds Neuroradiology, McGill University
2010	Systemic Diseases and The Eye/ Grand Rounds Internal Medicine, McGill University

- 2011      Choiroidal Osteoma/ Grand Rounds  
Pediatric Ophthalmology, McGill University
- 2012      Microsporidial Keratitis/ Journal club  
Cornea, McGill University
- 2012      Chemotherapy Outcome for The Treatment of NF1 Associated Glioma/ Grand Rounds  
Pediatric Ophthalmology, McGill University
- 2012      Pseudomelanoma/ Grand Rounds  
Ophthalmology, McGill University
- 2013      How to be an Effective Team Player/ Grand Rounds  
Ophthalmology, McGill University
- 2013      Erythropoietin in The Treatment of Optic Neuritis/ Journal club  
Neuro-ophthalmology, McGill University
- 2013      Fighting Childhood Blindness: Gene and Drug Therapy for Leber Congenital Amaurosis/  
Grand Rounds  
Ophthalmology, McGill University
- 2013      Visual Rescue by an Oral Synthetic cis-Retinoid in Subjects with Leber Congenital  
Amaurosis (LCA) due to LRAT or RPE65 mutations: Preliminary Results of a Phase Ib  
Human Trial.  
4th Annual H. Bruce Williams Pediatric Surgical Research Day, Montreal, 2013
- 2014      Traumatic Strabismus/ Grand Rounds  
Ophthalmology, McGill University
- 2015      Advances in Leber Congenital Amaurosis treatment  
Ophthalmology, Boston Children's Hospital, Harvard Medical School
- 2016      When the glasses stopped working  
Ophthalmology, Mass Eye and Ear, Harvard Medical School
- 2017      Retinoblastoma  
Ophthalmology, Boston Children's Hospital, Harvard Medical School
- 2018      Lessons learned from the Amblyopia Treatment Studies  
Ophthalmology, Boston Children's Hospital, Harvard Medical School

## **Report of Invited Teaching and Presentations**

### **Invited Presentations and Courses**

#### **National**

- 2013      Surgical treatment of adult exotropia: target angles and adjustable suture strategies  
Canadian Ophthalmological Society (COS), Montreal, Canada
- 2016      Gene therapy for inherited retinal dystrophies  
Longwood Medical Area Ophthalmology Meeting, Boston, MA

#### **International**

- 2016      Outcome of ocular alignment following rectus muscle plication compared to resection  
The American Association for Pediatric Ophthalmology and Strabismus (AAPOS),  
Vancouver, Canada

## **Report of Clinical Activities and Innovations**

## Current Licensure and Certification

2014	ECFMG certificate
2015-2016	Full unrestricted license, Board of Registration in Medicine, Massachusetts
2015	Board Certified, Royal College of Physicians and Surgeons of Canada, Ophthalmology
2017	Board Certified, American Board of Ophthalmology

## Practice Activities

2015-	Pediatric and adult
Present	Ophthalmology and strabismus

## Report of Scholarship

### Publications

#### Peer reviewed publications in print or other media

- [1] Chalifoux E, **Alkharashi M**, Superstein R, Sabzevari S, Flanders M. “Surgical treatment of adult exotropia: target angles and adjustable suture strategies”. Canadian Journal of Ophthalmology (2016), 51:4 , 254 - 257
- [2] Zoroquiain P, Aldrees S, Logan P, **Alkharashi M**, Toledo Diaz AB, et al. “Gonadotropin-Releasing Hormone Receptor is expressed in Retinoblastoma”. J Clin Exp Pathol (2015) 5:231. doi:10.4172/2161-0681.1000231
- [3] **Alkharashi M**, Fulton A. “Available Evidence on Leber Congenital Amaurosis and Gene Therapy”. Seminars in Ophthalmology (2016) 29:1-8, DOI: 10.1080/08820538.2016.1228383
- [4] Oke I, **Alkharashi M**, Petersen RA, Ashenberg A, Shah AS. Treatment of Ocular Pyogenic Granuloma With Topical Timolol. JAMA Ophthalmol. 2017 Apr 1;135(4):383-385. doi: 10.1001/jamaophthalmol.2017.0110
- [5] Phanphruk W, **Alkharashi M**, Bilge A, Hunter DG. Sedated suture adjustment in children undergoing adjustable-suture strabismus surgery. J AAPOS 2017 Jun;21(3):196-200. doi: 10.1016/j.jaapos.2017.05.010. Epub 2017 May 19.
- [6] **Alkharashi M**, Hunter DG. Reduced surgical success rate of rectus muscle plication compared to resection. J AAPOS 2017 Jun;21(3):201-204. doi: 10.1016/j.jaapos.2017.05.012. Epub 2017 May 20.
- [7] **Alkharashi M**, Dagi AF, Dagi LR. Pericardial patch graft repair of severe localized scleral thinning encountered during strabismus surgery. J AAPOS. 2017 Apr;21(2):156-156.e1. doi: 10.1016/j.jaapos.2017.03.010.

#### Non-peer reviewed scientific or medical publications/materials in print or other media

- [1] **Alkharashi M**. “Cogan Syndrome”. (Contribution to Encyclopedia of Ophthalmology book)
- [2] **Alkharashi M**, Vanderveen D. “Endoscopic Dacryocystorhinostomy”. Book Chapter, Operative Dictations in Ophthalmology.
- [3] **Alkharashi M**, Vanderveen D. “Balloon dacryocystoplasty”. Book Chapter, Operative Dictations in Ophthalmology.

### **Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings**

- [1] **Alkharashi M**, AlMoamar A, Abo AlAsrar A. “The efficacy of Mycophenolate Mofetil in the treatment of Uveitis and its ability to taper the dose of steroid”
- [2] **Alkharashi M**, Chen J. “Macular Hole”. (Contribution to The Retina Foundation of Canada).
- [3] **Alkharashi M**, Discepola M. “Initial Results and Patient Satisfaction After ReSTOR Multifocal TORIC Intraocular Lens Implantation” (Presented at ARVO 2013).
- [4] Koenekoop RK, **Alkharashi M**, Esteban E, Sui R, Sallum J, Wood L, Ren H , Van den Born I, Al Humaid S, Traboulsi E, Bittner A, Mendola JD, Dagnelie G, Saperstein DA. “Visual Rescue by an Oral Synthetic cis-Retinoid in Subjects with Leber Congenital Amaurosis (LCA) due to LRAT or RPE65 mutations: Preliminary Results of a Phase Ib Human Trial” (Presented at Pediatric Surgical Research Day 2013).
- [5] Mikhail M, **Alkharashi M**, Flanders M. “Surgical treatment of adult esotropia: clinical profile and target angles”.
- [6] Phanphruk W, **Alkharashi M**, Bilge A, Hunter DG. “Sedated suture adjustments in children undergoing adjustable-suture strabismus surgery”.
- [7] **Alkharashi M**, Hunter DG. “Outcome of Ocular Alignment Following Rectus Muscle Plication Compared to Resection”.(Presented at AAPOS 2016).

### **Other Experience and Professional Memberships**

- Member, American Academy of Ophthalmology
- Member, Canadian Ophthalmology Society
- Member, American Association for Pediatric Ophthalmology and Strabismus
- Fellow of the Royal College of Surgeons of Canada, Ophthalmology