



## **Resume**

**Mitra Akbari**

Birth : Rasht

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## **Education:**

1996: high school: Diploma in experimental science, sherafat high school, Rasht, IRAN

1997-2003: Medical school: Guilan University Of Medical Sciences

2003-2007: Residency: Department of ophthalmology, Khalil medical center, Shiraz University Of Medical Sciences

2007: Specialty Board: Iranian Board Of Ophthalmology

2011-2013: Fellowship in cornea and anterior segment; Department Of Ophthalmology, Shahid Beheshti University of Medical Sciences, Tehran, IRAN

## **PROFESSIONAL MEMBERSHIP**

- Member of Iranian society of Ophthalmology
- Member of Iranian society of cornea refractive surgeons
- Member of Guilan research society of Ophthalmology

## **HONORS AND AWARDS**

2018: Won World Academic Championship-2018 in Medical Science (Immunology)

2003: First Rank in among Medical students (1%)-GUMS.

1998: Rank 8nd in National basic science exam among Medical students.

## **CERTIFICATIONS**

2011 Clinical fellowship: Cornea, External diseases and Refractive surgery

2013 Labbafinejad Medical Center, Dept of ophthalmology, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

## **CONFERENCES**

1- Baradaran-Rafii AR, MD; Akbari M, MD; Sadooghi MM, MD .Efficacy of Topical Tacrolimus 0.05% Suspension on Treatment of Steroid Resistant Refractory Vernal Keratoconjunctivitis. 22th Ophthalmology congress of Iran, 16 - 19 NOV. 2012, Tehran.

2- Alireza Baradaran-Rafii, MD, Mitra Akbari, MD,Ebrahim Shirzadeh, MD ,one Block Conjunctival Limbal Autograft for Unilateral Total Limbal Stem Cell Deficiency .24th Ophthalmology congress of Iran, 2014, Tehran, poster presentation.

3- Mitra Akbari,MD. Keratoconous (Etiology, Pathology,Pathogenesis),Local congress of ophthalmology 2014,GUMS,Iran.

4- Mitra Akbari, MD.Lid and Conjunctival disease. Seminar of ophthalmology for general physicians 2014, GUMS, Iran.

5- Mitra Akbari, MD. Mucopolysaccharidosis, Neonatal Conjunctivitis. Seminar of ophthalmologic disorder of pediatrics. 2014, GUMS, Iran.

6- R Soltani Moghadam, M Akbari Stormal graft rejection after uneventful deep anterior lamellar keratoplasty that mimics endothelial rejection, XXV Annual congress of the Iranian society of ophthalmology, December 2016, Razi Convention Center, Tehran, Iran

7- M Akbari, R Soltani Moghadam Limbal mass as a presentation of parotid gland undifferentiated carcinoma, XXV Annual congress of the Iranian society of ophthalmology, December 2016, Razi Convention Center, Tehran, Iran

8- Akbari, Mitra, Corneal Collagen cross-linking in Advanc Keratoconus, December 2017 International congress of ophthalmology , Razi Convention Center, Tehran, Iran

9- Akbari, Mitra, The Epidemiological Characteristics of Patients with Thyroid Eye Disease in a Referral Center in Northern Iran, XXIX Annual congress of the Iranian society of ophthalmology, November 2018, Tehran-Iran

10- Akbari, Mitra, Herpes Simplex Virus and Human Papillomavirus Coinfections in Hyperimmunoglobulin E Syndrome Presenting as a Conjunctival Mass Lesion, XXVIII Annual congress of the Iranian society of ophthalmology, November 2018, Tehran-Iran

11- Mitra Akbari; Reza Soltani Moghadam; Ramin Elmi, Comparison of Free Conjunctival Autograft versus Amniotic Membrane Transplantation for Pterygium Surgery XXVIII Annual congress of the Iranian society of ophthalmology, November 2018, Tehran-Iran

12- Abdolreza Medghalchi; Mitra Akbari; Yosef Alizadeh; Reza Soltani Moghadam  
Frequency of Nasolacrimal Duct Obstruction in Patients Undergoing Cataract Surgery, According to Irrigation Test and Dye Disappearance Test, XXVIII Annual congress of the Iranian society of ophthalmology, November 2018, Tehran-Iran

13- Abdolreza Medghalchi, M.D., Mitra Akbari, M.D. (Corresponding author), Reza Soltani Moghadam, M.D., Yousef Alizadeh, M.D. Review the frequency of ophthalmologists and optometrists opinions about treatment of amblyopia in Guilan province in 2018, November 2019, Mashhad-Iran

14- Reza Soltani Moghadam; Mitra Akbari; Yousef Alizadeh; Abdolreza Medghalchi; Ehsan Kazemnezhad, Evaluation of Keratoconus Severity with

pachymetric progression indexes of Pentacam, XXVIII Annual congress of the Iranian society of ophthalmology, November 2018, Tehran-Iran

15- Abdolreza Medghalchi, M.D., Mitra Akbari, M.D. (Corresponding author), Reza Soltani Moghadam, M.D., Yousef Alizadeh, M.D., Review the frequency of ophthalmologists and optometrists opinions about treatment of amblyopia in Guilan province in 2018, XXIX Annual congress of the Iranian society of ophthalmology, November 2019, Tehran-Iran

16- Abdolreza Medghalchi, M.D., Mitra Akbari, M.D. (Corresponding author), Reza Soltani Moghadam, M.D., Yousef Alizadeh, M.D. Survey of the strabismus surgery on lid fissure alteration, Annual congress of the Iranian society of ophthalmology, November 2019, Tehran-Iran

### **Thesis with medical students**

1- Evaluation of Keratoconus Severity with Pachymetric Indexes Measured by Pentacam in Year 2014 in Amir-Al-Momenin Hospital of Rasht

2- Comparisson of pterygium surgery outcomes between free conjunctival autograft and amniotic membrane transplantation groups in Amir-Allmomenin Hospital- Rasht 1393-1394

3-Evaluation of Keratoconus disease progression in patients aged below 25, who did not underwent Collagen crosslink (CXL) surgery from year 2014- 2016 in \Amir-Al-momenin Hospital of Rasht

4- Evaluation of topical NSAIDs on an inflammation and anterior segment complications after cataract surgery in patients with pseudoexfoliation syndrome, 2018

5- To evaluate the epidemiological characteristic of fungal keratitis in a patients admitted in Amir-almomenin Hospital from 2011 to 2019

6- Evaluation of occult macular diseases prior to cataract surgery by macular Spectral Domain-Optical Coherence Tomography in patients who attend Amirmomenin Hospital in Rasht from 2018 to 2019

7- To evaluate the effect of topical tacrolimus 0.05% in treatment of non-necrotizing HSV stromal keratitis.2019

8- A study on the knowledge of general practitioners regarding direct ophthalmoscope and its practice in Rasht ۲۰۱۹

9- Evaluation of topical cyclosporine 0.05% impact on the pterygium recurrence in patients who were undergoing pterygium surgery in Amirmomenin Hospital, Raht, 2019-2020.

10- The survey of potential drug-drug interaction in old glaucomatous patients referred to Rasht Amirmomenin hospital 2019-2020

11- Comparison of the effect of interferon alfa b2 drops with mitomycin c during surgery on pterygium recurrence in patients who were undergoing pterygium surgery by Rotational conjunctival autograft method in Amirmomenin Hospital, Rasht, 2020-2021.

## **PUBLICATIONS**

1-Hamid Reza Jahadi Hosseini, Eskandar Kamali Sarvestani, Mitra Akbari, Mahnaz Mosallaei, Effect of Fas -670 A/G Gene Polymorphism on Corneal Allograft Endothelial Rejection. Iran.J.Immunol. VOL.6 NO.1 March 2009.

2-Hossein Ashraf, Mohammad Hossein Roozitalab, Mitra Akbari, Masoomeh Eghtedari, Abdolvahab Alborzi. Detection of Herpes Simplex Virus DNA in Pseudoexfoliation Syndrome. IJMS 34(2), June 2009.

3-Akbari M,MD .Keratoconus ;A Review and Current Surgical options .Bina J Ophthalmolo 2012 ;18(2):222-232.

4-Akbari M, MD. Scleritis and Episcieritis. Bina J Ophthalmolo 2012; 18(1) 126 - 138.

5-Akbari M, MD; Pediatric Cataract. Bina J Ophthalmolo 2012; 18(1)102-114.

6-Baradaran-Rafii AR, MD; Akbari M, MD; Sadooghi MM, MD. Efficacy of Topical Tacrolimus 0.05% Suspension on Treatment of Steroid Resistant Refractory Vernal Keratoconjunctivitis. Bina J Ophthalmol 2013; 19 (2): 99-109.

7-Baradaran-Rafii AR, MD; Akbari M, MD; Sadooghi MM, MD. Efficacy of Topical Tacrolimus 0.05% Suspension on Treatment of Steroid Resistant Refractory Vernal Keratoconjunctivitis. Bina J Ophthalmol 2013; 19 (2): 99-109.

8-Baradran Rafie AR, MD; Akbari M, MD. Coexisting HSV and HPV Infection in a Patient with Job's Syndrome. Bina J Ophthalmol 2013; 18 (4): 464-467.

9-Alireza Baradaran-Rafii, MD, Ebrahim Shirzadeh, MD, Medi Eslani, MD, Mitra Akbari, MD, Optical Correction of Aphakia in Children . J Ophthalmic Vis Res 2014; 9 (1): 71-82

10-Karimian F, Baradaran-Rafii A, Faramarzi A, Akbari M. Limbal stem cell-sparing lamellar keratoplasty for the management of advanced keratoglobus. Cornea. 2014 Jan; 33(1):105-8.

11-Alireza Baradaran-Rafii, MD, Mitra Akbari, MD,Ebrahim Shirzadeh, MD .Single Block Conjunctival Limbal Autograft for Unilateral Total Limbal Stem Cell Deficiency, J Ophthalmic Vis Res 2015; 10 (1): 90-92.

12- One Block Conjunctival Limbal Autograft for Unilateral Total Limbal Stem Cell Deficiency, Bina J Ophthalmol 2015; 20 (4): 323-328.

13- Hadadi S,Marzban SH, Shahrokhi Rad R,Moiien Ansar M, Akbar M, Parvizi A, Comparison of melatonin and acetaminophen on pain and hemodynamic changes associated with retrobulbar block in cataract surgery,Iranian Journal of Anesthesiology and critical care 2016;38(96)

14- One Block Conjunctival Limbal Autograft for Unilateral Total Limbal Stem Cell Deficiency, *Bina J Ophthalmol* 2015; 20 (4): 323-328.

15- Hadadi S, Marzban SH, Shahrokhi Rad R, Moien Ansar M, Akbar M, Parvizi A, Comparison of melatonin and acetaminophen on pain and hemodynamic changes associated with retrobulbar block in cataract surgery, *Iranian Journal of Anesthesiology and critical care* 2016;38(96)

16- Akbari, M., Soltani-Moghadam, R., Elmi, R., Kazemnejad, E., Comparison of free conjunctival autograft versus amniotic membrane transplantation for pterygium surgery 2017, *Journal of Current Ophthalmology*, 29(4), pp. 282-286

17- Akbari, M., Soltani-Moghadam, R., Elmi, R., Limbal mass as a presentation of parotid gland undifferentiated carcinoma: A case report 2018, *Acta Medica Iranica*, 56(8), pp. 551-553

18- Effect of the Strabismus Surgery on Lid Fissure Alteration, *Bina J Ophthalmol* 2018; 24 (4): 227-234.

19- Haddadi, S., Shahrokhirad, R., Ansar, M.M., (...), Akbari, M., Parvizi, A., Efficacy of preoperative administration of acetaminophen and melatonin on retrobulbar block associated pain in cataract surgery 2018, *Anesthesiology and Pain Medicine*, 8(5), e61041

20- Medghalchi A, MD, Akbari M, MD\*; Alizadeh Y, MD; Soltani Moghadam R, MD Frequency of Nasolacrimal Duct Obstruction in Patients Undergoing Cataract Surgery, *Bina J Ophthalmol* 2018; 23 (2): 86-92.

21- Moghadam, R., Akbari, M., Alizadeh, Y., Medghalchi, A., Dalvandi, R. The outcome of corneal collagen cross-linking in patients with advanced progressive keratoconus 2019: A 2-year follow-up study, *Middle East African Journal of Ophthalmology*, 26(1), pp. 11-16

22- Medghalchi, A., Moghadam, R.S., Akbari, M., (...), Veisi, H., Khakpour, Y., Correlation of corneal elevations measured by Scheimpflug corneal imaging with severity of keratoconus 2019, *Journal of Current Ophthalmology*, 31(4), pp. 377-381

23- Akbari, M., Moghadam, R.S., Elmi, R., (...), Taghiabadi, E., Aghdami, N. Topical tacrolimus as an adjunct to conventional therapy for stromal herpetic

keratitis: A randomized clinical trial 2019, *Journal of Ophthalmic and Vision Research*, 14(4), pp. 400-411

24- Akbari, M. Therapeutic response to topical tacrolimus in refractory vernal keratoconjunctivitis: A case report 2019, *International Journal of Pharmaceutical Research*, 11(4), pp. 1669-1672

25-Akbari, M., Elmi, R., Ocular surface metastatic tumor: A case report 2019, *EurAsian Journal of BioSciences*, 13(2), pp. 1353-1356

26-Medghalchi, A., Akbari, M., Moghadam, R.S., Alizadeh, Y., Heirati, A., Can we predict patients' cooperation during phacoemulsification surgery under topical anesthesia? 2019, *Acta Medica Iranica*, 57(7), pp. 412-415

27- Medghalchi, A., Akbari, M., Alizadeh, Y., Moghadam, R.S., The epidemiological characteristics of patients with thyroid eye disease in a referral center in northern Iran 2018, *Journal of Current Ophthalmology*, 30(4), pp. 353-358

28- Survey on the Opinion of Ophthalmologists and Optometrists about Amblyopia Treatment Compared to Standard Treatment in Guilan Province, *Bina J Ophthalmol* 2019; 25 (2): 75-82.

29- Hamid Atabati, Hamid Kassiri, Ehsan Shamloo, Mitra Akbari, The association between the lack of safe drinking water and sanitation facilities with intestinal *Entamoeba* spp infection risk: A systematic review and meta-analysis 2020, *PLoS ONE*, 15(11 November),e0237102

30-Mohammad Ali Emamhadi, Mansour Sarafraz, Mitra Akbari, Van Nam Thai, Nanomaterials for food packaging applications: A systematic review 2020, *Food and Chemical Toxicology*, 146,111825