

Curriculum Vitae

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Education

1976-1984 Isfahan University of Medical Sciences, MD

1990-1993 Resident of ophthalmology
Labbafinejad Medical Center
Shahid Beheshti University of Medical Sciences

1993-1995 Fellowship in External Eye Disease and Corneal Surgery
Labbafinejad Medical Center
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Publications

International publications:

1- Mohammad Rabei H, Sabbaghi H, Emamverdi M, Karimi S, Ramezani A, Nikkhah H, Kheiri B, Yaseri M, Sheibani K, Bahreini R, The effect of topical ketorolac tromethamine on macular thickening after phacoemulsification in diabetic patients. July 2023 BMC Ophthalmology 23(1)

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2- Mohammad-Rabei H, Ramin SH, Lotfi S,MS; Sabbaghi H,PhD; Karimian F, Abdi S, MS; Shahriari M,H,MS; Kheiri B,MS; Sheibani K, Javadi M,A, Risk Factors Associated with Keratoconus in an Iranian Population. J Ophthalmic Vis Res 2023; 18 (1): 15–23. DOI: 10.18502/jovr.v18i1.12721

3- Sana Niazi1, Jorge Alio del Barrio, Azad Sanginabadi, Farideh Doroodgar, Cyrus Alinia,Alireza Baradaran-Rafii1, Feaizollah Niazi, Hossein Mohammad-Rabei, Mohammad Mehdi Sadoughi, Jorge L. Alio. Topography versus non-topography-guided photorefractive keratectomy with corneal cross-linking variations in keratoconus. May 2022 International Journal of Ophthalmology 15(5):721-727 DOI: 10.18240/ijo.2022.05.05

4- Mohammad Soleimani, Mohammad Mehrpour, Hossein Mohammad-Rabei. Ophthalmic practice during COVID-19 pandemic. *Int J Ophthalmol*, Vol. 14, No. 5, May 18, 2021

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5- Mohammad-Rabei, Hossein MD; Arabi, Amir MD, MPH; Shahraki, Toktam MD; Rezaee-alam, Zahra MD; Baradaran-rafii, Alireza MD, Role of Blepharoexfoliation in Demodex Blepharitis: A Randomized Comparative Study . *Cornea* 42(1):p 44-51, January 2023.

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6- Mohammad-Rabei H, Moravej R, Almasi-Nasrabadi M, Rezazadeh P, Manafi N, Noorizadeh F. Effect of mitomycin-C on corneal endothelial cell parameters after refractive surface ablation procedures. *Clin Ophthalmol*. 2022 Aug 25;16:2813-2822.

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7- Mohammad-Rabei H, Azari AA, Arabi A. Traumatic Endothelial Corneal Rings.

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eCollection 2020 Oct-Dec. PMID: 33133451 PMCID: PMC7591841 DOI:

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8- S Keramti, F Ojani, SMM Shushtarian, A Shojaei, H Mohammad-Rabei, Early Diagnosis of Pathological changes in Visual System of Prolactinoma Patients Using Visual Evoked Potential. *Journal of Ophthalmology and Research*. 2021; 4 (3), 289-293. DOI: 10.26502/fjor.2644-00240047

9- Rabie HM, Esfandiari H, Rikhtegar MH, Hekmat V. Management of sulcus-fixated single-piece intraocular lens-induced pigmentary glaucoma with 3-piece IOL exchange. *International Ophthalmology*. 2017 Jan 4:1-6. PMID: 28054211 DOI: 10.1007/s10792-016-0435-9

10- Rabie HM, Malekifar P, Javadi MA, Roshandel D, Esfandiari H. Visual outcomes after lensectomy and iris claw artisan intraocular lens implantation in patients with Marfan syndrome. *International ophthalmology*. 2017 Aug 1;37(4):1025-30. PMID: 27709371 DOI:

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11- Rajavi Z, Safi S, Javadi MA, Jafarinasab MR, Feizi S, Moghadam MS, Jadidi K, Babaei M, Shirvani A, Baradaran-Rafii A, Mohammad-Rabei H. Clinical practice guidelines for prevention, diagnosis and management of early and delayed-onset ocular injuries due to mustard gas exposure. *Journal of Ophthalmic and Vision Research*. 2017 Jan 1;12(1):65. PMID: 28299009

12- Karimian F, Faramarzi A, Fekri S, Mohammad-Rabie H, Najdi D, Doozandeh A, Delfaza-Baher S, Yaseri M. Comparison of loteprednol with fluorometholone after myopic

photorefractive keratectomy. *Journal of Ophthalmic and Vision Research*. 2017 Jan 1;12(1):11. PMID: 28299001 PMCID: PMC5340049 DOI: 10.4103/2008-322X.200161

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16- Nassiri N, Seifi MH, Assadi M, Rabei HM, Sheibani K. Epibulbar Dermoid Cyst in a Patient with VACTERL Association. *Journal of Ophthalmic and Optometric Sciences*. 2016 Oct 6;1(1):28-32.

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18- Mohammad-Rabei H, Mohammad-Rabei E, Espandar G, Javadi MA, Jafarinasab MR, Hashemian SJ, Feizi S. Three methods for correction of astigmatism during phacoemulsification. *Journal of Ophthalmic & Vision Research*. 2016 Apr;11(2):162. PMID: 27413496 PMCID: PMC4926563 DOI: 10.4103/2008-322X.183924

19- Feizi S, Javadi MA, Mohammad-Rabei H. An Analysis of Factors Influencing Quality of Vision After Big-Bubble Deep Anterior Lamellar Keratoplasty in Keratoconus. *American journal of ophthalmology*. 2016 Feb 29;162:66-73. PMID: 26589583 DOI: 10.1016/j.ajo.2015.11.018

20- Mohamadpour N, Rabei H, Zare Mirakabadi A, Ghane M, Ebrahim Habibi A. Identification and Purification of two Mammalian Neurotoxins from Iranian Scorpion (*Buthotus schach*) Venom. *Archives of Razi Institute*. 2016 Jan 12;63(1):39-45.

21- Javadi MA, Mohammad-Rabei H, Feizi S, Daryabari SH. Visual outcomes of successful versus failed big-bubble deep anterior lamellar keratoplasty for keratoconus. *Journal of ophthalmic & vision research*. 2016 Jan;11(1):32. PMID: 27195082

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- 22- Rajavi Z, Javadi MA, Daftarian N, Safi S, Nejat F, Shirvani A, Ahmadi H, Shahraz S, Ziaei H, Moein H, Motlagh BF, Mohammad Rabei H, Customized clinical practice guidelines for management of adult cataract in Iran. *Journal of ophthalmic & vision research*. 2015 Oct;10(4):445.
- 23- Rajavi Z, Sabbaghi H, Baghini AS, Yaseri M, Moein H, Akbarian S, Behradfar N, Hosseini S, Rabei HM, Sheibani K. Prevalence of amblyopia and refractive errors among primary school children. *Journal of ophthalmic & vision research*. 2015 Oct;10(4):408. PMID: 27051485 PMCID: PMC4795390 DOI: 10.4103/2008-322X.176909
- 24- Rabei HM, Norouzi G, Sheibani K. Treatment of Recurrent Corneal Epithelial Defect by Autologous Serum Eye Drop. *Novelty in Biomedicine*. 2015 Feb 1;3(1):30-2.
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- 27- Mohammad-Rabei H, Shojaei A, Aslani M. Concurrent Macular Corneal dystrophy and keratoconus. *Middle East African Journal of Ophthalmology*. 2012; 19(2):251-253. PMID: 22623870 PMCID: PMC3353679 DOI: 10.4103/0974-9233.95266
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- 31- Karimian F, Aramesh S, Rabei HM, Javadi MA, Rafati N. Topographic Evaluation of Relatives of Patients with Keratoconus. *Cornea*. 2008; 27(8):874-878. PMID: 18724146
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- 34- Karimian F, Baradaran-Rafii A, Javadi MA, Nazari R, Rabei HM, Jafarinasab MR. Bilateral bacterial keratitis in three patients following photorefractive keratectomy .*Journal of Refractive Surgery*. 2007; 23(3):312-315. PMID: 17385301 DOI: 10.3928/1081-597X-20070301-18
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- 39- Mohammad-Rabie H, Malekifar P, Esfandiari H. Visual Outcomes after Primary Iris Claw Artisan Intraocular Lens Implantation during Complicated Cataract Surgery. In *Seminars in ophthalmology 2017 May 4 (Vol. 32, No. 3, pp. 337-340)*. Taylor & Francis. PMID: 27058459 DOI: 10.3109/08820538.2015.1090610
- 40- F Karimian, A Baradaran-Rafi, MA Javadi, R Nazari , R, Nazari, H, Mohammad Rabei, M,R, Jafarinasab. Patients Following Photorefractive Keratectom. *J Refract Surg*, 1997 Vol 13 314-317

Local Publications:

1- H Mohammad-Rabei, MN Nezhad, A Shojaei , Visual Acuity and Prognosis among Hyperopic Patients Undergoing Photorefractive Keratectomy Using Allegretto EX500 Excimer Laser. Journal of Ophthalmic and Optometric Sciences, Vol. 6 No. 3 (2022), 14 Aban 2023 , Page 1-6

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2- SMM Shushtarian, H Mohammad-Rabei, STB Raki . Effect of Occupational Vibration on Human Retina Measured by Electroretinography. Journal of Ophthalmic and Optometric Sciences, 2018;2(3): 14-7.

3- M Yadgari, K Hassanpour, N Nassiri, Mohammad-Rabei H, Behrouzi Z, Short, Intermediate and Long Term Results of Ahmed Glaucoma Valve Implantation. Journal of Ophthalmic and Optometric Sciences . 2018;2(4):

4- H Mohammad-Rabei, S Feizi, A Ashnagar, A Shojaei , Central Toxic Keratopathy after Surface Laser Refractive Surgery: a Case Series and Brief Review. Journal of Ophthalmic and Optometric Sciences . 2018;2(3): 24-30.

5- H Mohammad-Rabei, A Arabi, T Shahraki, AA Azari , Anterior Chamber Intraocular Lens Exposure through Prelimbal Sclera: a Case Report

- Journal of Ophthalmic and Optometry Science, 2018

6- Moghadam NM, Rabei HM, Khosravi B, Sheibani K. Study of Post Operative Regression after Photorefractive Keratectomy for Treatment of Hyperopia and Hyperopic Astigmatism. Journal of Ophthalmic and Optometric Sciences. 2017 Jan 20;1(2):21-8.

7- Malekifar P, MD; Mohammad Rabie H, MD; Javadi F, MD; Esfandiari H, MD*, Visual Outcomes after Primary Iris Claw Artisan intraocular Lens Implantation during Complicated Cataract Surgery. Bina J Ophthalmol 2016; 21 (4): 335-339.

8- Malekifar P, Mohammad Rabie H, Javadi F, Esfandiari H. Visual Outcomes after Lensectomy and Iris Claw Artisan intraocular Lens Implantation in Patients with Marfan syndrome. Bina Journal of Ophthalmology. 2016 Apr 15;21(3):243-8.

9- Mohammad Rabei H, Nasiri N, Seifi MH, Mohammad Rabei E, Assadi M, Javadi MA. Epibulbar Dermoid Cyst in Association with VACTERL or VATER Syndrome. Bina Journal Ophthalmology. 2015; 20 (3): 286-289.

10- Rajavi ZH, Sabbaghi H, Shojaee H, Yaseri M, Moein HR, Akbariania S, Haftabadi N, Mohammadrabie H, Sheybani K.

The Prevalence of Amblyopia among 7-12 year old Primary School Children of Tehran, Iran in 2013. *Bina Journal Ophthalmology*. 2015; 20(2):117-130.

11-Heidari Z, Mohammad Rabie H, Mohammadpour M, Jafarzadehpour E, Jabbarvand M, Hashemi H.

Correlation between Refractive, Corneal and Residual astigmatism In refractive surgery candidates. *Journal of Mazandaran University of Medical Sciences*. 2014; 23 (110): 38-43.

12- MA Javadi, MR Jafarinasab, M Rezaei Kanavi, H Mohammad Rabie, B Hosseini, Updates on Diagnosis and Treatment of Ocular Surface Squamous Neoplasia (OSSN). *Bina Journal of Ophthalmology*, 2014, 20(1) 77-86

13- Mohammad Rabei H, Norouzi H, Dadbin N, Sheybani K.

The Effect of Mitomycin-C on Endothelial Cell Density and Polymegathism After Laser Assisted Sub-Epithelial Keratectomy: A One Year Follow- up. *Bina Journal Ophthalmology*. 2013; 19 (2): 93-98.

14- Norouzi H, Mohammad Rabei H, Lashgari A.

Anterior Segment Eye Deposits following Long-term Chlorpromazine Therapy. *Bina Journal Ophthalmology*. 2013; 19(1):72-76.

15- Norouzi H, Mohammad Rabei H, Malekmohammadi R, Salehirad S. Tear Function in Patients under Treatment with Isotretinoin. *Bina Journal Ophthalmology* 2012; 17 (4): 357-362.

16- Baradaran-Rafii A, Jafarinasab M, Karimian F, Mohammad-Rabei H. Refractive Dilemma. *Journal of Ophthalmic & Vision Research*. 2012; 7(1).76-83. PMID: 22737391
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17- Norouzi H, Mohammad Rabei H, Borhani M.

Persistent Corneal Epithelial Defect as a Complication of Tetracaine Abuse . *Bina Journal Ophthalmology*. 2012; 17 (3): 289-293.

18- Mirkheshti A, Shojaei S.P, Mohammad Rabei H, Gachkar L, Mirzaei M, Barabadi A, Aryani M.R, Farkhondeh Kish S

Comparison of the Effects of Propofol and Isoflurane on Intraocular Pressure in patients undergoing lumbar disk surgeries. *Journal of Iranian Society of Anesthesiology & Intensive Care*

- 19- Mohammad-Rabei H, Rezaei-Kanavi M, Javadi MA, Rahimian S. Keratocyte Density in Normal and Keratoconic Corneas Using Confoscan. *Bina Journal of Ophthalmology*. 2009; 14 (3): 262-267.
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Keratectasia after LASIK versus PRK: A Case Report. *Bina Journal Ophthalmology* 2005; 10 (5): 624-632.
- 25- Entezari M, Mohammad Rabei H, Mohsseni Badalabadi M. Visual Outcomes and Ocular Survival in Open-globe Injuries *Bina Journal Ophthalmology* 2005; 10 (5): 575-580.
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Tear Secretion and Tear Film Instability after Laser in Situ Keratomileusis Vs Laser Assisted Subepithelial Keratectomy. Bina Journal Ophthalmology 2004;10(2): 178-183.

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34- Mohammad Rabi H, Agazadeh Amiri M, Sharifi A, Moradi A.

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41- Mohammad-Rabie H, Rajavi J, Rahmati-Kamel M.

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42- Ferdosi AA, Mohammad Rabei H, Ziaie H, Maarefian S.

Results of External Dacryocystorhinostomy with Silicone Intubation. Bina Journal Ophthalmology. 2002; (8) 2: 131-138.

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45- Rajavi J; Karimian F; Javadi MA; Zadeh-Modares SH; Mohammad Rabie H; Ramin SH. The Prevalence of Congenital Cataract among One-day Newborns at Mahdieh and Shahid Akbarabady Hospitals (1999-2000) .Bina Journal Ophthalmology. 2001; 6(4): 379-385.

46- Mohammad Rabei H, Abulhassani A.

A case report of sphenoid sinus mucocele with signs of retrobulbar optic neuritis. Bina Journal Ophthalmology. 2000; (6) 3: 319-323.

47- Javadi MA, Mohammad Rabie H. Three years study on curved shape lamellar keratectomy in patients with pellucid marginal degeneration who were referred to Labbafinejad Medical Center. Bina Journal Ophthalmology. 1998; 3(4): 324-329.

48- Ghasemi Boroumand P, Mohammad Rabie H, Tabatabaee SM, Ghassemi-Broumand M, Shahraki K , Delayed Ocular Complications of Mustard Gas in Iranian Veterans. Scientific Journal of Rehabilitation Medicine Volume 7, Issue 1, March and April 2018, Pages 30-41. DOI:10.22037/jrm.2017.110742.1498

International Congresses

1-**Mohammad-Rabei H.**, Rajavi J., Rahmati-Kamel M.

A blind randomized cross-over trial comparing betaxolol 0.5% with timolol 0.5% in open angle glaucoma and ocular hypertension.

4th international glaucoma symposium I.G.S. Barcelona, Spain, March 19-22, 2003

2-**Mohammad-Rabei H.**, Aghazadeh-Amiri M., S. Lorestani A.R., Moradi A. Comparison of accuracy of intraocular lens power calculation formulas in patients with senile cataract .

21th congress of the ESCRS, Munich, Germany, 2003. September 6-10. (Poster)

3-**Mohammad-Rabei H.**, Norouzi H., Hosseini M., Anissian A.

Results of corneal transplantation .

21th congress of the ESCRS, Munich, Germany, 2003. September 6-10. (Poster)

4-**Mohammad-Rabei H.**, Karimian F., Javadi M.A., Khodaei K., Rafati N., Anissian A.

Topographic evaluation of family members of keratoconus patients .

XXII congress of the ESCRS, Paris, 2004 , 18-22 september.(Poster)

5-**Mohammad-Rabi H.**, Salehi N., Rajavi Z., Anisian A.

Comparison of posterior capsular opacity after cataract surgery between Akreous fit & PMMA IOLs in senile cataract.

XXII congress of the ESCRS, Paris, 2004 18-22 september.(Poster)

6-**Mohammad Rabei H.**, Behrouzi Z., Azizi F., Daftarian N., Ardeshiri M., Mehrabi Y., Mohammadpour M.

prevalence of open angle glaucoma, glaucoma suspect and ocular hypertension I tyroid-related immune orbitopathy (TRIO).

XXIII Congress of the ESCRS. Lisbon 2005, 10-14 sep. (poster)

7-Javadi M.A., Mohammadpour M., **Mohammad Rabie H.**

Keratectasia after LASIK vs. PRK International refractive surgery:

art and science, Istanbul, Turkey, May 26-28, 2006. (Poster)

8-**Mohammad-Rabei H**; Kadkhodaei S; Rajavi Z; Ramezani A. Phacoemulsification and Intraocular Lens Implantation in Patients with Congenital Iris coloboma .

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