

Homayoun Nikkhah

In the Name of God
Curriculum Vitae, July 2023
Homayoun Nikkhah, MD.



Personal Information:

Name: Homayoun Nikkhah

Address: Department of Ophthalmology

Torfeh Medical Center – Baharestan Ave. Tehran, Iran

Telephone: (+9821) 71353300(Hospital)

(+9821) 71353301

Fax: (+9821) 77534171

Email: H.nikkhah52@gmail.com H.nikkhah52@sbmu.ac.ir

Language: Persian (Farsi), English

H-index: 11, based on Scopus

Teaching Experience:

Assistant Professor of Ophthalmology, Shahid Beheshti University of Medical Sciences, Tehran, Iran. 2012-2019

Associate Professor of Ophthalmology, Shahid Beheshti University of Medical Sciences, Tehran, Iran. 2019-Present.

Certifications:

- Vitreoretinal Fellowship (Medical and Surgical), Shahid Beheshti University of Medical Sciences, Tehran, Iran (2009-2011).
- Expert in the field of retinopathy of prematurity screening and treatment (2014-Present).
- General Ophthalmologist (National Iranian Board of Ophthalmology), Shahid Beheshti University of Medical Sciences, Tehran, Iran (2002-2006).
- Medical Degree (MD), Babol University of Medical Sciences, Babol, Iran (1991-1999).

Thesis

Ophthalmology specialty, 2006

Trabeculectomy with Mitomycin C versus Ahmed Glaucoma Implant with Mitomycin C for treatment of Pediatric Aphakic Glaucoma.

Qualifications and work Experiences

I am an expert ophthalmologist, with 16 years of experience doing ocular examination/treatment and surgeries. I have started to work as a resident in September 2002 and graduated as an ophthalmologist in September 2006. I started my vitreoretinal fellowship in September 2009 and got my vitreoretinal fellowship degree at March 2011. I have performed many minor and complicated ocular surgeries including Primary ocular repair after ocular injury, Pars Plana Vitrectomy, Scleral buckling, Phacoemulsification, different type of ocular laser such as panretinal photocoagulation (PRP), peripheral iridotomy (PI), Yag laser capsulotomy (YLC), photodynamic therapy (PDT), Intravitreal Injections. I have worked in a multidisciplinary team with my colleagues and staff to provide high-quality patient care. I have participated in training of ophthalmology residents as an Associate Professor of ophthalmology and faculty member of Shahid Beheshti University of Medical Sciences since 2012 until present. In addition, I have collaborated with my other colleagues and ophthalmology residents in clinical and basic ophthalmology researches. I am dedicated and committed to my work and responsibilities.

Thesis with ophthalmology residents

Supervisor:

- 1- Visual and anatomical outcomes of pars plana vitrectomy for dropped nucleus or intraocular lens during phacoemulsification. Dr. Sajjad Kakaei, MD. 2017.
- 2- Topical ketorolac plus intravitreal bevacizumab versus intravitreal bevacizumab in the management of diabetic macular edema: A double-masked placebo-controlled randomized clinical trial. Dr. Reza Niazpoor Moez, MD. 2017.
- 3- Peripapillary and macular choroidal Thickness in Acute Non-arteritic Anterior Ischemic Optic Neuropathy. Dr. Naser Abedi, MD. 2017.
- 4- Retinal layer thickness changes after intravitreal bevacizumab injection during the treatment of diabetic macular edema. Dr. Masoomeh Valipour, MD. 2018.
- 5- Incidence and risk factors of retinopathy of prematurity and utility of the national screening criteria in a tertiary center in Iran. Dr. Milad Khorshidifar, MD. 2018.
- 6- The effect of systemic erythropoietin and oral prednisolone on recent-onset non-arteritic anterior ischemic optic neuropathy: a randomized clinical trial. Dr. Mahya Gosalipour, MD. 2019.
- 7- Evaluation of fasudil eye drop in stimulation of normal retinal vascularization in retinopathy of prematurity, a randomized clinical trial. Dr. Niloofar Mohammad Bagheri Rafsanjani, MD. 2021.
- 8- Effects of 3-monthly intravitreal erythropoietin combined with one intravitreal triamcinolone for the treatment of non-arthritis acute anterior ischemic optic neuropathy: a randomized clinical trial. Dr. Farzaneh Chahardah Cherek, MD. 2022
- 9- A comparative analysis of Lamina Cribrosa characteristics (Depth and Thickness) in patients undergoing Pars Plana Vitrectomy and Silicone Oil injection for Rhegmatogenous Retinal Detachment, in Comparison with Contralateral Healthy Eyes. Dr. Fatemeh Foroodi, MD. 2023.
- 10- Optical Coherence Tomography Angiography findings after 3-monthly anti-VEGF injections in patients with retinal vein occlusion. Dr. Fatemeh Yazdanjoo MD. 2023
- 11- Optical Coherence Tomography Angiography findings in Strabismic and Anisometropic Amblyopia and comparison with non-amblyopic contralateral eye. Dr. Nezameslami, MD. 2023.

Consultant:

- 1- Incidence and visual outcome of post-operative endophthalmitis in the hospitals affiliated to Shahid Beheshti University of Medical Sciences. Dr. Mahboubeh Gholipour, MD. 2017.

- 2- Comparison of subfoveal choroidal thickness changes after cataract surgery between diabetic and non-diabetic patients. Mohammad Alizadeh, MD. 2017.
- 3- Adjuvant effects of adding topical ketorolac to intravitreal bevacizumab in the treatment of diabetic macular edema: A double mask cross over clinical trial. Hossein Molazem, MD. 2020.
- 4- Impact of coronary artery bypass grafting (CABG) surgery on the biomicroscopic and chorioretinal characteristics. Shahriar Barkhordari MD. 2021

Thesis with medical students:

Consultant:

- 1- Visual and anatomical outcome of pars plana silicone oil removal plus phacoemulsification in a tertiary eye center. Dr. Shayan Farzanbakhsh, 2020.
- 2- Incidence and visual outcome of post intravitreal anti-vegf endophthalmitis in a tertiary eye center. Dr. Nila Fakhri, 2020.
- 3- Visual and anatomical outcome of Scleral buckling in a tertiary eye center. Dr. Zahra Smailzadeh, 2020.
- 4- Visual and anatomical outcome of anterior lensectomy and artisan implantation in patients with crystalline lens dislocation in a tertiary eye center. Dr. Mohaddeseh Yaghoubi, 2020.

Peer-reviewed Publications:

1. Nourinia R, Kiani A, Hassanpour K, **Nikkhah H**, Faramarzi A, Emamverdi M. Optical Coherence Tomography Angiography parameters after cataract surgery. **Int Ophthalmol.** 2023 Aug; 43(8):2679-2686. doi: 10.1007/s10792-023-02667-5.
2. Shahriari M, **Nikkhah H**, Mahjoob MP, Behnaz N, Barkhordari S, Cheraqpour K. Impact of coronary artery bypass grafting surgery on the chorioretinal biomicroscopic characteristics. **World J Clin Cases.** 2023 Oct 6;11(28):6754-6762. doi: 10.12998/wjcc.v11.i28.6754.
3. 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. **BMC Ophthalmol** 2023 Jul 14;23(1):320. doi: 10.1186/s12886-023-03077-y.

4. Karimi S, **Nikkhah H**, Mohammadzadeh A, Ramezani A, Ansari I, Nouri H, Abtahi SH. Intravitreal Injections and Face Masks: Endophthalmitis Risk Before and During the COVID-19 Pandemic. **J Ophthalmic Vis Res.** **2023** Jul 28;18(3):283-288. doi: 10.18502/jovr.v18i3.13776.
5. **Nikkhah H, Karrabi N, Yazdanjou F.** Berlin's Edema with Atypical Optical Coherence Tomography Findings: A Case Report. **Case Rep Ophthalmol** **2023** Oct 2;14(1):491-497. doi:10.1159/000533886.
6. Karjou Z, Karimi S, Yaghoobi M, **Nikkhah H**, Safi S. Pars plana lensectomy and iris-claw Artisan intraocular lens implantation in patients with Marfan syndrome. **Oman J Ophthalmol** **2023** Feb 21;16(1):64-68. doi: 10.4103/ojo.ojo_25_22.
7. Karimi S, **Nikkhah H**, Nafisi H, Nouri H, Ansari I, Barkhordari S, Samnejad S, Abtahi SH. Acetazolamide and bevacizumab combination therapy versus bevacizumab monotherapy in macular edema secondary to retinal vein occlusion. **J Fr Ophthalmol.** **2023** Apr;46(4):322-326. doi: 10.1016/j.jfo.2022.09.025.
8. Shahriari M, Karimzadeh A, Esmaily H, Rezanejad S, **Nikkhah H**, Yadgari M, Pourhoseingholi A. Electrodiagnostic signs of carpal tunnel syndrome in ocular pseudoexfoliation syndrome. **Int Ophthalmol.** **2022** Sep; 42(9):2749-2755. doi: 10.1007/s10792-022-02264-y.
9. Arabi A, Tadayoni R, Ahmadi H, Shahraki T, **Nikkhah H.** Update on Management of Non-proliferative Diabetic Retinopathy without Diabetic Macular Edema; Is There a Paradigm Shift? **J Ophthalmic Vis Res.** **2022** Jan 21;17(1):108-117. doi: 10.18502/jovr.v17i1.10175.
10. Karimi S, **Nikkhah H**, Farzanbakhsh S, Karjou Z, Safi S. Outcomes of combined phacoemulsification/intraocular lens implantation and silicon oil removal. **Int Ophthalmol.** **2022** Jul; 42(7):2267-2272. doi: 10.1007/s10792-022-02227-3.
11. Entezari M, Ansari I, Ramezani A, **Nikkhah H**, Mohammadi P, Kheiri B. Superficial Retinal Microvasculature and Choriocapillaris Alterations after Photodynamic Therapy in Chronic Central Serous Chorioretinopathy. **J Ophthalmol.** **2022** Jul 31;2022:4024603. doi: 10.1155/2022/4024603.
12. Mazloumi M, Entezari M, Samadikhadem S, Ramezani A, **Nikkhah H**, Arevalo Jf. Spectral domain optical coherence tomography biomarkers of retinal hyperpermeability and choroidal inflammation as predictors of short-term functional and anatomical outcomes in eyes with diabetic macular edema treated with intravitreal bevacizumab. **Retina.** **2022** Apr 1;42(4):760-766. Doi: 10.1097/IAE.0000000000003361.
13. Shahraki T, Arabi A, Nourinia R, Beheshtizadeh NF, Entezari M, **Nikkhah H**, Karimi S, Ramezani A. Panretinal photocoagulation versus intravitreal bevacizumab versus a proposed modified combination therapy for treatment of proliferative diabetic retinopathy: a randomized three-arm clinical trial (CTPDR Study) **Retina.** **2022** Jun 1;42(6):1065-1076. doi: 10.1097/IAE.0000000000003450.

14. Arabi A, Shahraki T, Nezam-slami R, Tavakkoli M, Sfandiari H, **Nikkhah H**. Axial or coronal CT scan; which is more accurate in detection of open globe injury? **Injury**. First online **2021** Apr. DOI:10.1016/j.injury.2021.04.034.

15. **Nikkhah H**, Niazipour Moez, R, Entezari, M, Ramezani A, Hassanpour K, Karimi S, Yaseri M. Topical ketorolac as an adjunctive treatment with intravitreal bevacizumab in the management of diabetic macular edema: A double-masked placebo-controlled randomized clinical trial. **Graefes Arch Clin Exp Ophthalmol**. First online **2021** Apr. doi.org/10.1007/s00417-021-05169-1.

16. Katibeh M, Sabbaghi H, Kalantarion M, **Nikkhah H**, Mousavi B, Beiranvand R, Ahmadi H, Kallestrup P. Eye Care Utilization in A Community-oriented Mobile Screening Programme for Improving Eye Health in Iran: A Cluster Randomized Trial. **Ophthalmic Epidemiol**. **2020** Dec;27(6):417-428. doi:10.1080/09286586.2020.1768552.

17. **Nikkhah H**, Golalipour M, Doozandeh A, Pakravan M, Yaseri M, Esfandiari H. The effect of systemic erythropoietin and oral prednisolone on recent-onset non-arteritic anterior ischemic optic neuropathy: a randomized clinical trial. **Graefes Arch Clin Exp Ophthalmol**. **2020** Oct; 258(10):2291-2297. doi: 10.1007/s00417-020-04781-x.

18. Karimi S, **Nikkhah H**, Ahmadi H, Safi S. Intravitreal Injection of Propranolol for the Treatment of Retinal Capillary Hemangioma in a Case of Von Hippel-Lindau. **Retin Cases Brief Rep**. **2020** Fall; 14(4):305-309. doi:10.1097/Icb.0000000000000718.

19. Behboudi H, **Nikkhah H**, Alizadeh Y, Katibeh M, Pakbin M, Ahmadi H, Sabbaghi H, Nourinia R, Karimi S, Behnaz N, Piryaiee G, Yaseri M, Kheiri B, Moradian S. A Population-based Study on the Prevalence and Associated Factors of Age-related Macular Degeneration in Northern Iran *the Gilan Eye Study*. **Ophthalmic Epidemiol**. **2020** Jun; 27(3):209-218. doi:10.1080/09286586.2020.1716379.

20. **Nikkhah H**, Feizi M, Abedi N, Karimi S, Yaseri M, Esfandiari H. Choroidal Thickness in Acute Non-arteritic Anterior Ischemic Optic Neuropathy. **J Ophthalmic Vis Res**. **2020** Feb 2; 15(1):59-68. doi:10.18502/jovr.v15i1.5946.

21. Lima BS, Sayanjali S, Entezari M, **Nikkhah H**, Rastegarpour A, Yaseri M, Asary Yazdi M, Fateh Moghaddam A, Ramezani A. Intravitreal bevacizumab versus intravitreal triamcinolone in the prevention of intraoperative bleeding in diabetic vitrectomy; a randomized clinical trial. **J Complement Med Res**. **2020**; 11(1): 286-295. doi: 10.5455/jcmr.2020.11.01.32

22. Katibeh M, Mousavi B, Kalantarion M, Sabbaghi H, Abdolahi E, **Nikkhah H**, Ahmadi H, Kallestrup P. Using mHealth to improve eye care in remote areas of Iran. **Community Eye Health**. **2019**; 32(107):65-66. Epub 2019 Dec 17.

23. Entezari M, Flavarjani ZK, Ramezani A, **Nikkhah H**, Karimi S, Moghadam HF, Daftarian N, Yaseri M. Combination of intravitreal bevacizumab and erythropoietin versus intravitreal bevacizumab alone for refractory diabetic macular edema: a randomized double-blind clinical trial. **Graefes Arch Clin Exp Ophthalmol.** 2019 Nov; 257(11):2375-2380. doi:10.1007/s00417-019-04383-2.
24. Zamani M, **Nikkhah H**, Rahmani S, Ramezani A, Yaseri M, Soheilian M. Active uveitis induces transient refractive error changes. **International Eye Science.** 2019 Oct 8; 19(10):1637-1642.
25. Khorshidifar M, **Nikkhah H**, Ramezani A, Entezari M, Daftarian N, Norouzi H, Shahiari M, Radfar M, Norinia R, Karimi S. Incidence and risk factors of retinopathy of prematurity and utility of the national screening criteria in a tertiary center in Iran. **Int J Ophthalmol.** 2019 Aug; 12(8):1330-1336. doi: 10.18240/ijo.2019.08.15.
26. Karimi S, **Nikkhah H**, Fekri S. Ocular Toxoplasmosis Presenting as Subretinal Macrocyst. **J Ophthalmic Vis Res.** 2019 Apr-Jun; 14(2):223-225. doi: 10.4103/jovr.jovr_210_16.
27. Roohipoor R, Alvarez R, Brodowska K, Yaseri M, Kloek C, Riazi M, Nourinia R, **Nikkhah H**, Prajna NV, Krishnan C, Tuli S, Green L, Srikumaran D, Shah AS, Mantagos IS, Chiang M, Chan RVP, Loewenstein J. Evaluation of computer-based retinopathy of prematurity (ROP) education for ophthalmology residents: a randomized, controlled, multicenter study. **J AAPOS.** 2019 Apr; 23(2):86.e1-86.e7. doi:10.1016/j.jaapos.2018.11.008.
28. Jabbarpoor Bonyadi MH, Yaseri M, **Nikkhah H**, Bonyadi M, Nazari R, Soheilian M. Comparison of ARMS2/LOC387715 A69S and CFH Y402H risk effect in wet-type age-related macular degeneration: a meta-analysis. **Int Ophthalmol.** 2019 Apr; 39(4):949-956. doi: 10.1007/s10792-018-0853-y.
29. Safi S, Ahmadi H, Katibeh M, Yaseri M, **Nikkhah H**, Karimi S, Nourinia R, Tivay A, Zareinejad M, Azarmina M, Ramezani A, Moradian S, Dehghan MH, Daftarian N, Abbasi D, Eshghi Fallah A, Kheiri B. Modeling a Telemedicine Screening Program for Diabetic Retinopathy in Iran and Implementing a Pilot Project in Tehran Suburb. **J Ophthalmol.** 2019 Mar; 2019:2073679. doi: 10.1155/2019/2073679.
30. Katibeh M, Kalantarion M, Sabbaghi H, Mousavi B, Schriver M, **Nikkhah H**, Ahmadi H, Kallestrup P. Designing a Screening Program for Prevention of Avoidable Blindness in Iran through a Participatory Action Approach. **J Ophthalmic Vis Res.** 2019 Jan-Mar; 14(1):52-61. doi: 10.4103/jovr.jovr_43_18.
31. Karimi S, Mosavi SA, Jadidi K, **Nikkhah H**, Kheiri B. Which quadrant is less painful for intravitreal injection? A prospective study. **Eye (Lond).** 2019 Feb; 33(2):304-312. doi: 10.1038/s41433-018-0208-y.
32. Lashgari A, Kabiri M, Ramezani A, Entezari M, Karimi S, Kakaei S, Yaseri M, **Nikkhah H**. Visual and Anatomical Outcomes of Pars Plana Vitrectomy for Dropped Nucleus after

Phacoemulsification. **J Ophthalmic Vis Res.** 2018 Jul-Sep; 13(3):253-259. doi:10.4103/jovr.jovr_156_17.

33. **Nikkhah H**, Karimi S, Ahmadi H, Azarmina M, Abrishami M, Ahoor H, Alizadeh Y, Behboudi H, Daftarian N, Dehghan MH, Entezari M, Farrahi F, Ghanbari H, Falavarjani KG, Javadi MA, Karkhaneh R, Moradian S, Manaviat MR, Mehryar M, Nourinia R, Parvaresh MM, Ramezani A, Haghi AR, Riazi-Esfahani M, Soheilian M, Shahsavari M, Shahriari HA, Rajavi Z, Safi S, Shirvani A, Rahmani S, Sabbaghi H, Pakbin M, Kheiri B, Ziaei H. Intravitreal Injection of Anti-vascular Endothelial Growth Factor Agents for Ocular Vascular Diseases: **Clinical Practice Guideline. J Ophthalmic Vis Res.** 2018 Apr-Jun; 13(2):158-169. doi: 10.4103/jovr.jovr_50_18.

34. Jabbarpoor Bonyadi MH, Yaseri M, **Nikkhah H**, Bonyadi M, Soheilian M. Association of risk genotypes of ARMS2/LOC387715 A69S and CFH Y402H with age-related macular degeneration with and without reticular pseudodrusen: a meta-analysis. **Acta Ophthalmol.** 2018 Mar; 96(2):e105-e110. doi: 10.1111/aos.13494.

35. **Nikkhah H**, Ghazi H, Razzaghi MR, Karimi S, Ramezani A, Soheilian M. Extended targeted retinal photocoagulation versus conventional pan-retinal photocoagulation for proliferative diabetic retinopathy in a randomized clinical trial. **Int Ophthalmol.** 2018 Feb; 38(1):313-321. doi: 10.1007/s10792-017-0469-7.

36. Karimi S, Entezari M, **Nikkhah H**, Esfandiari H, Darvishpoor T, Tavakoli M, Safi S. Effects of Intravitreal Silicone Oil on Subfoveal Choroidal Thickness. **Ophthalmologica.** 2018; 239(2-3):159-166. doi:10.1159/000485851.

37. Entezari M, Karimi S, Ramezani A, **Nikkhah H**, Fekri Y, Kheiri B. Choroidal Thickness in Healthy Subjects. **J Ophthalmic Vis Res.** 2018 Jan-Mar; 13(1):39-43. doi: 10.4103/jovr.jovr_148_16.

38. Karimi S, Soheilian M, **Nikkhah H**, Haseli Mofrad A. Intravitreal tissue plasminogen activator for treatment of vitreomacular adhesion. **International Eye Science.** 2018 Feb; 18(2):219-225.

39. **Nikkhah H**, Ghazi H, Razzaghi MR, Karimi S, Ramezani A, Soheilian M. Extended targeted retinal photocoagulation versus conventional pan-retinal photocoagulation for proliferative diabetic retinopathy in a randomized clinical trial. **Int Ophthalmol.** 2018 Feb; 38(1):313-321. doi: 10.1007/s10792-017-0469-7. Epub 2017 Feb 6.

40. **Nikkhah H**, Garfami KH, Kanavi MR, Nashtaei EM, Karimi S, Soheilian M. Safety threshold of intravitreal clonidine in rabbit's eyes. **Int J Ophthalmol.** 2018 Jan 18; 11(1):25-30. doi: 10.18240/ijo.2018.01.05.

41. Soheilian M, Karimi S, Montahae T, **Nikkhah H**, Mosavi SA. Effects of intravitreal injection of bevacizumab with or without anterior chamber paracentesis on intraocular pressure and peripapillary retinal nerve fiber layer thickness: a prospective study. **Graefes Arch Clin Exp Ophthalmol** 2017. Sep; 255(9):1705-1712. doi: 10.1007/s00417-017-3702-1. Epub 2017 Jun 14.
42. Jabbarpoor Bonyadi MH, Yaseri M, Bonyadi M, Soheilian M, **Nikkhah H**. Association of combined cigarette smoking and ARMS2/LOC387715 A69S polymorphisms with age-related macular degeneration: A meta-analysis. **Ophthalmic Genet.** 2017 Jul-Aug; 38(4):308-313. doi: 10.1080/13816810.2016.1237664.
43. Ramezani A, Ahmadieh H, Rozegar A, Soheilian M, Entezari M, Moradian S, Dehghan MH, **Nikkhah H**, Yaseri M. Predictors and Outcomes of Vitrectomy and Silicone Oil Injection in Advanced Diabetic Retinopathy. **Korean J Ophthalmol.** 2017 Jun; 31(3):217-229. doi:0.3341/kjo.2016.0018.
44. Ramezani A, Entezari M, Shahbazi MM, Semnani Y, **Nikkhah H**, Yaseri M. Analgesic Effect of Topical Sodium Diclofenac before Retinal Photocoagulation for Diabetic Retinopathy: A Randomized Double-masked Placebo-controlled Intra-individual Crossover Clinical Trial. **Korean J Ophthalmol.** 2017 Apr; 31(2):102-107. doi: 10.3341/kjo.2017.31.2.102.
45. Entezari M, Ramezani A, **Nikkhah H**, Yaseri M. The effect of topical sodium diclofenac on macular thickness in diabetic eyes after phacoemulsification: a randomized controlled trial. **Int Ophthalmol.** 2017 Feb;37(1):13-18. doi:10.1007/s10792-016-0209-4
46. Karimi S, Esfandiari H, **Nikkhah H**, Gozin M, Mosavi SA. Bilateral Simultaneous Nonarteritic Anterior Ischemic Optic Neuropathy Associated with the Use of Sildenafil: A Case Report. **Razavi International Journal of Medicine.** 2017; 5(1).
47. Rajavi Z, Safi S, Javadi MA, Azarmina M, Moradian S, Entezari M, Nourinia R, Ahmadieh H, Shirvani A, Shahraz S, Ramezani A, Dehghan MH, Shamsavari M, Soheilian M, **Nikkhah H**, Ziaei H, Behboudi H, Farrahi F, Falavarjani KG, Parvaresh MM, Fesharaki H, Abrishami M, Shoeibi N, Rahimi M, Javadzadeh A, Karkhaneh R, Riazi-Esfahani M, Manaviat MR, Maleki A, Kheiri B, Golbafian F. **Diabetic Retinopathy Clinical Practice Guidelines: Customized for Iranian Population.** **J Ophthalmic Vis Res.** 2016 Oct-Dec; 11(4):394-414. doi: 10.4103/2008-322X.194131.
48. Karimi S, **Nikkhah H**, Mosavi SA. Unilateral Sectoral Retinitis Pigmentosa in a Patient of Iranian Origin. **Razavi International Journal of Medicine.** 2016; 4(1).
49. **Nikkhah H**, Ahmadieh H, Ramezani A, Kanavi MR, Hosseini SB, Sadeghi N, Meybodi SM, Yaseri M. Safe dose of intravitreal imatinib and its effect on laser-induced choroidal neovascularization: a rat-model experiment. **Int J Retina Vitreous.** 2015 Dec;1(1):16
50. Mughaddasifar H, Ramezani A, **Nikkhah H**, Razin BN. A case of ocular tuberculosis presenting as papillophlebitis. **Novelty in Biomedicine.** 2013;1(3):88-91.

51. **Nikkhah H**, Ramezani A, Ahmadieh H, Soheilian M, Azarmina M, Dehghan MH, Moradian S, Nourinia R. Childhood pars planitis; clinical features and outcomes. **J Ophthalmic Vis Res.** 2011 Oct; 6(4):249-254.

52. Pakravan M, **Nikkhah H**, Yazdani S, Shahabi C, Sedigh-Rahimabadi M. Astigmatic outcomes of temporal versus nasal clear corneal phacoemulsification. **J Ophthalmic Vis Res.** 2009 Apr; 4(2):79-83.

53. Pakravan M, **Homayoon N**, Shahin Y, Reza BR. Trabeculectomy with mitomycin C versus Ahmed glaucoma implant with mitomycin C for treatment of pediatric aphakic glaucoma. **Journal of glaucoma.** 2007 Oct 1; 16(7):631-6.

Local Publications:

54. **Nikkhah H**, Ansari I. Purtscher's Retinopathy in a Patient with Falling Down: A Case Report. **Bina J Ophthalmol** 2019; 25 (2): 142-146.

55. **Nikkhah H**, Arabi A, Nafissi H, Shahraki T, Karimi S. Sclopetaria; Systematic Review and Case Report of the Prognosis and Treatment Mechanism. **Bina J Ophthalmol** 2019; 25 (1): 49-53.

56. Karimi S, **Nikkhak H**, Pahlevani P. Iraq-Iran War-related Intraocular Foreign Body Injuries in Veterans. **Bina J Ophthalmol** 2018; 24 (4): 244-250.

57. Karimi S, **Nikkhah H**, Pahlevani P, Maghbolli N. Combined Intravitreal Bevacizumab and Tissue Plasminogen Activator for Treatment of Retinal Vascular Diseases. **Bina J Ophthalmol** 2018; 23 (4): 235-241.

58. **Nikkhah H**, Lashgari A, Ramezani AR, Entezari M, Karimi S, Ansari S. Visual and Anatomical Outcomes of Pars Plana Vitrectomy for Dropped Intraocular Lens. **Bina J Ophthalmol** 2018; 23 (3): 163-169.

59. **Nikkhah H**, Ahmadieh H, Rezaei J, Einollahi N, Sahraian MA. Macular Edema Caused by Fingolimod in Multiple Sclerosis: A Case Report. **Bina J Ophthalmol** 2015; 21 (1): 70-74.

60. Jafarinasab MR, Javadi MA, Dehghan MH, Faramarzi A, Maghsodlou A, **Nikkhah H**, Abbasnia E, Karimi SA. Visual Outcomes and Posterior Segment Complications of Vitreous Loss Following Phacoemulsification Surgery. **Bina J Ophthalmol** 2010; 16 (1): 69-73.

Abstracts in Congress:

1. Ramezani A, Molazem H, **Nikkhah H**, Yaseri M, Entezari M. Short-term additive effect of topical ketorolac on the management of diabetic macular edema with intravitreal bevacizumab:

Interim analysis of a randomized double masked placebo-controlled crossover clinical trial. **19th Euretina Congress, Paris, 2019**. e-Poster.

2. Entezari M, Z. Kiani Flavarjani Z, Ramezani A, **Nikkhah H**, Karimi S, Daftarian N, Yaseri M. Combination of intravitreal bevacizumab and erythropoietin versus intravitreal bevacizumab alone for refractory diabetic macular edema. **19th Euretina Congress, Paris, 2019**. e-Poster.

3. Moradian S, Behboodi H, **Nikkhah H**, Alizadeh Y, Ahmadi H, Nourinia R, Karimi S. A population-based study on the prevalence and risk factors of age-related macular degeneration in northern Iran: The Gilan Eye Study. **18th Euretina Congress, Vienna, 2018**. Free paper.

4. Moradian S, Karimi S, **Nikkhah H**, Mosavi S. Which quadrant is less painful for intravitreal injection? A randomised clinical trial. **17th Euretina Congress, Barcelona, 2017**. Free paper.

5. Ramezani A, Safarpour Lima B, Entezari M, **Nikkhah H**, Fateh Moghaddam H, Yaseri M. Intravitreal Bevacizumab vs. Intravitreal Triamcinolone in the Prevention of Intraoperative Bleeding in Diabetic Vitrectomy: A Randomized Clinical Trial. **17th Euretina Congress, Barcelona, 2017**. Free paper.

6. **Nikkhah H**, Ramezani A, Entezari M, Karimi S. Topical ketorolac plus intravitreal bevacizumab versus intravitreal bevacizumab in the treatment of diabetic macular edema, prospective placebo controlled randomized trial. **17th Euretina Congress, Barcelona, 2017**. Free paper.

7. **Nikkhah H**, Feizi M, Abedi N, Ramezani A. Peripapillary and macular choroidal thickness in acute nonarteritic anterior ischemic optic neuropathy. **17th Euretina Congress, Barcelona, 2017**. e-Poster.

8. **Nikkhah H**, Safety of intravitreal imatinib and its efficacy in inhibition of experimental choroidal neovascularization. **World Ophthalmology Congress, Tokyo, 2014**. Oral presentation

9. Ramezani A, Ahmadi H, Rozegar A, Soheilian M, Entezari M, Moradian S, **Nikkhah H**. Predictors and outcomes of vitrectomy plus silicone oil injection in eyes with complex diabetic retinopathy. **14th Euretina Congress, London, 2014**. Free paper.

10. Ramezani A, Mughaddasifar H, **Nikkhah H**, Nasri Razin B. A case of ocular tuberculosis presenting as papillophlebitis. **14th Euretina Congress, London, 2014**. e-Poster.

11. Pakravan M, **Nikkhah H**, Yazdani S, Baradaran Rafiei A. Trabeculectomy with Mitomycin C Versus Ahmed Glaucoma Implant for Treatment of Pediatric Aphakic Glaucoma. **American Academy of Ophthalmology Meeting, Las Vegas, USA, 2006**.

Memberships in Scientific and Professional Societies:

Homayoun Nikkhah

2006-Present, Iranian Society of Ophthalmology (IRSO)

2010-Present, Iranian Society of Vitreoretinal Surgeon

2012-Present, Iranian Research Association for Vision and Ophthalmology (IRAVO)

2010-Present, Lecturer in the Annual Congress of the Iranian Society of Ophthalmology

Journal reviewer:

1. Journal of Ophthalmic Vision Research
2. Journal of Current Ophthalmology
3. International Ophthalmology
4. BMC Ophthalmology
5. Current Eye Research
6. Expert Review of Ophthalmology
7. Arquivos Brasileiros de Oftalmologia
8. Bina Journal of Ophthalmology

Areas of Interest:

Resident education

Clinical Research

Medical Retina

Surgical Retina

Retinopathy of Prematurity

Executive Positions:

2017-2019 Deputy Director of Education, Department of ophthalmology, Torfeh Medical Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2021-Present Director of Ophthalmology Department, Torfeh Medical Center, Shahid Beheshti University of Medical Sciences. Tehran, Iran.

2021-2024 Head of Torfeh Hospital, Shahid Beheshti University of Medical Sciences. Tehran, Iran.