

Siamak Moradian, MD

Degree: Associate Professor
Work Address: Department of Ophthalmology Labbafinejad Medical Center
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Ophthalmic Epidemiology Research Center, Research
Institute for Ophthalmology and Vision Science, Shahid
Beheshti University of Medical Sciences
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Fields of Activity: Vitreoretinal surgery



Certifications

Graduation of general physician Feb 1994 Shahid Beheshti of Medical University
Iranian Board of Ophthalmology Sep 1998 Shahid Beheshti of Medical University
Fellowship in Vitreoretinal surgery Sep 2001 Shahid Beheshti of Medical University

Academic position

Associate Professor of Ophthalmology-Faculty member of Shahid Beheshti University of Medical Sciences

Executive appointments

Iranian Society of Ophthalmology, Member of posterior segment group executive committee

Membership

Iranian Society of Ophthalmology (IRSO)
American Academy of Ophthalmology (AAO)
American Society of Retinal Specialist (ASRS)

Interest

Diabetic retinopathy management (intravitreal pharmacotherapy, laser therapy, and deep vitrectomy), Retinal detachment surgery (scleral buckling and deep vitrectomy) ,posterior segment imaging(OCT, FFA, ICGA , echography, FAF)and intraocular inflammatory diseases.

Awards and Honors

- Best poster Award of AAO for Intravitreal Bevacizumab compared with combined Bevacizumab and triamcinolone in neovascular AMD :Six –month results of a clinical trial 2007 American Academy of Ophthalmology congress

- Best poster Award of AAO for Intravitreal Bevacizumab Vs combination of Bevacizumab and triamcinolone vs. sham treatment for central retinal vein occlusion 2007 American Academy of Ophthalmology congress
- Best paper Award Moradian S, Riazi M, Ahmadi H, Soheilian M, Dehghan MH, Azarimina M, Faghihi H, Karkhane R, Lasheyi AR, Piri N, Alamiharandi Z, Sadeghi B. Interavitral bevacizumab versus sham treatment in actue BRVO; a randomize clinical trial . Ophthalmology congress of Iran, 4 -7 Dec. 2007, Tehran

International Papers

- 1) Ramezani A, Sabbaghi H, Katibeh M, Ahmadi H, Kheiri B, Yaseri M, Moradian S, Alizadeh Y, Soltani Moghadam R, Medghalchi A, Etemad K, Behboudi H. Prevalence of cataract and its contributing factors in Iranian elderly population: the Gilan eye study *Int Ophthalmol.* 2023 Dec;43(12):4503-4514. doi: 10.1007/s10792-023-02851-7. Epub 2023 Aug 16.
- 2) Sabbaghi H, Madani S, Ahmadi H, Daftarian N, Suri F, Khorrami F, Saviz P, Shahriari MH, Motevasseli T, Fekri S, Nourinia R, Moradian S, Sheikhtaheri A. A health terminological system for inherited retinal diseases: Content coverage evaluation and a proposed classification *PLoS One.* 2023 Aug 4;18(8):e0281858. doi: 10.1371/journal.pone.0281858. eCollection 2023.
- 3) Behboudi H, Rajavi Z, Sabbaghi H, Katibeh M, Kheiri B, Yaseri M, Moradian S, Alizadeh Y, Ahmadi H, Pakbin M, Bouyeh A, Moradi A. Prevalence of refractive errors in population aged 50 years and over: The Gilan eye study *Eur J Ophthalmol.* 2023 Jun 22;11206721231184544. doi: 10.1177/11206721231184544. Online ahead of print.
- 4) Moradian S, Soheilian M, Asadi M, Baghi A, Safi H, Abtahi SH. Ziv-aflibercept in Diabetic Macular Edema: Relation of Subfoveal Choroidal Thickness with Visual and Anatomical Outcomes *J Ophthalmic Vis Res.* 2023 Apr 19;18(2):164-169. doi: 10.18502/jovr.v18i2.13182. eCollection 2023 Apr-Jun.
- 5) Abtahi SH, Nouri H, Moradian S, Yazdani S, Ahmadi H. Eye Disorders in the Post-COVID Era *J Ophthalmic Vis Res.* 2021 Oct 25;16(4):527-530. doi: 10.18502/jovr.v16i4.9740. eCollection 2021 Oct-Dec.
- 6) Moradian S, Ebrahimi M, Kanaani A, Faramarzi A, Safi S. Authors' Reply *J Ophthalmic Vis Res.* 2021 Jan 20;16(1):147. doi: 10.18502/jovr.v16i1.8265. eCollection 2021 Jan-Mar.
- 7) 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. Epub 2020 Jan 21.
- 8) Moradian S, Ebrahimi M, Kanaani A, Faramarzi A, Safi S. Topical Umbilical Cord Serum for Corneal Epithelial Defects after Diabetic Vitrectomy *J Ophthalmic Vis Res.* 2020 Apr 6;15(2):160-165. doi: 10.18502/jovr.v15i2.6732. eCollection 2020 Apr-Jun.
- 9) 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 SuburbJ
Ophthalmol. 2019 Mar 4;2019:2073679. doi: 10.1155/2019/2073679. eCollection 2019.
- 10) Ahmadi H, Kanavi MR, Moradian S, Jabbarpoor Bonyadi MH. Saffron for staining the anterior lens capsuleJ Cataract Refract Surg. 2018 Dec;44(12):1524-1525. doi: 10.1016/j.jcrs.2018.07.059. Epub 2018 Sep 15.
 - 11) 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 GuidelineJ Ophthalmic Vis Res. 2018 Apr-Jun;13(2):158-169. doi: 10.4103/jovr.jovr_50_18.
 - 12) Fereydouni F, Qasemi V, Moradian S, Tabatabaee S. Can acupuncture therapy help patients with retinitis-pigmentosa?J Curr Ophthalmol. 2017 Aug 24;29(4):321-323. doi: 10.1016/j.joco.2017.07.004. eCollection 2017 Dec.
 - 13) Katibeh M, Behboudi H, Moradian S, Alizadeh Y, Beiranvand R, Sabbaghi H, Ahmadi H. Rapid Assessment of Avoidable Blindness and Diabetic Retinopathy in Gilan Province, IranOphthalmic Epidemiol. 2017 Dec;24(6):381-387. doi: 10.1080/09286586.2017.1307993. Epub 2017 Apr 19.
 - 14) Ramezani A, Ahmadi 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 RetinopathyKorean J Ophthalmol. 2017 Jun;31(3):217-229. doi: 10.3341/kjo.2016.0018. Epub 2017 May 12.
 - 15) Baghi A, Jabbarpoor Bonyadi MH, Ramezani A, Azarmina M, Moradian S, Dehghan MH, Nourinia R, Peyman GA, Yaseri M, Soheilian M. Two Doses of Intravitreal Ziv-Aflibercept versus Bevacizumab in Treatment of Diabetic Macular Edema: A Three-Armed, Double-Blind Randomized TrialOphthalmol Retina. 2017 Mar-Apr;1(2):103-110. doi: 10.1016/j.oret.2016.08.007. Epub 2016 Oct 14.
 - 16) Farhadi A, Haniloo A, Fazaeli A, Moradian S, Farhadi M. PCR-based Diagnosis of Toxoplasma Parasite in Ocular Infections Having Clinical Indications of ToxoplasmosisIran J Parasitol. 2017 Jan-Mar;12(1):56-62.
 - 17) Rajavi Z, Safi S, Javadi MA, Azarmina M, Moradian S, Entezari M, Nourinia R, Ahmadi H, Shirvani A, Shahrz S, Ramezani A, Dehghan MH, Shahsavari 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 PopulationJ Ophthalmic Vis Res. 2016 Oct-Dec;11(4):394-414. doi: 10.4103/2008-322X.194131.
 - 18) Moradian S, Ahmadi H, Faghihi H, Ramezani A, Entezari M, Banaee T, Heidari E, Behboudi H, Yasserli M. Comparison of four surgical techniques for management of pseudophakic and aphakic retinal detachment: a multicenter clinical trialGraefes Arch Clin Exp Ophthalmol. 2016 Sep;254(9):1743-51. doi: 10.1007/s00417-016-3318-x. Epub 2016 Mar 12.
 - 19) Moradian S, Safi S. Application of Mobile Phones in Ophthalmology. J Ophthalmic Vis Res. 2015 Apr-Jun;10(2):200-5.

- 20) Azarmina M, Moradian S, Azarmina H. Electoretinographic changes following retinal reattachment surgery. *J Ophthalmic Vis Res.* 2013 Oct;8(4):321-9.
- 21) Ramezani A, Esfandiari H, Entezari M, Moradian S, Soheilian M, Dehsarvi B, Yaseri M. Three intravitreal bevacizumab versus two intravitreal triamcinolone injections in recent onset central retinal vein occlusion. *Acta Ophthalmol.* 2014 Nov;92(7):e530-9.
- 22) Mirjalili F, Moradian S, Ameri F. Enhancing the dyeability of polypropylene fibers by melt blending with polyethylene terephthalate. *ScientificWorldJournal.* 2013 Oct 30;2013:468542.
- 23) Azarmina M, Moradian S, Azarmina H. The effect of fluorescein angiography on full-field electoretinography parameters. *J Ophthalmic Vis Res.* 2012 Oct;7(4):300-4.
- 24) Nikkhah H, Ramezani A, Ahmadiéh 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):249-54.
- 25) Moradian S, Kanani A, Esfandiari H. Nanophthalmos. *J Ophthalmic Vis Res.* 2011 Apr;6(2):145-6. No abstract available.
- 26) Ramezani A, Entezari M, Moradian S, Kadkhodaei S, Tabatabaei H, Dehsarvi B, Fatehi M, Yaseri M. Intravitreal triamcinolone for acute branch retinal vein occlusion: a randomized clinical trial. *J Ophthalmic Vis Res.* 2011 Apr;6(2):101-8.
- 27) Ramezani A, Esfandiari H, Entezari M, Moradian S, Soheilian M, Dehsarvi B, Yaseri M. Three intravitreal bevacizumab versus two intravitreal triamcinolone injections in recent-onset branch retinal vein occlusion. *Graefes Arch Clin Exp Ophthalmol.* 2012 Aug;250(8):1149-60.
- 28) Agah M, Ghasemi M, Roodneshin F, Radpay B, Moradian S. Prone position in percutaneous nephrolithotomy and postoperative visual loss. *Urol J.* 2011 Summer;8(3):191-6.
- 29) Moradian S, Faghihi H, Sadeghi B, Piri N, Ahmadiéh H, Soheilian M, Dehghan MH, Azarmina M, Esfahani MR. Intravitreal bevacizumab vs. sham treatment in acute branch retinal vein occlusion with macular edema: results at 3 months (Report 1). *Graefes Arch Clin Exp Ophthalmol.* 2011 Feb;249(2):193-200.
- 30) Ramezani A, Dehghan MH, Rostami A, Ahmadiéh H, Entezari M, Soheilian M, Azarmina M, Moradian S, Yaseri M. Outcomes of retinal detachment surgery in eyes with chorioretinal coloboma. *J Ophthalmic Vis Res.* 2010 Oct;5(4):240-5.
- 31) Bonyadi MH, Moradian S. Large juxtafoveal telangiectasia. *J Ophthalmic Vis Res.* 2010 Jul;5(3):202-4. No abstract available.
- 32) Dehghan MH, Ahmadiéh H, Soheilian M, Azarmina M, Moradian S, Ramezani AR, Tavallal A, Naghibozakerin J. Effect of oral prednisolone on visual outcomes and complications after scleral buckling. *Eur J Ophthalmol.* 2010 Mar-Apr;20(2):419-23.
- 33) Moradian S, Karim S. Unilateral myelinated retinal nerve fiber layer associated with axial myopia, amblyopia and strabismus. *J Ophthalmic Vis Res.* 2009 Oct;4(4):264-5. No abstract available.
- 34) Soheilian M, Ramezani A, Obudi A, Bijanzadeh B, Salehipour M, Yaseri M, Ahmadiéh H, Dehghan MH, Azarmina M, Moradian S, Peyman GA. Randomized trial of intravitreal bevacizumab alone or combined with triamcinolone versus macular photocoagulation in diabetic macular edema. *Ophthalmology.* 2009 Jun;116(6):1142-50.

- 35) Moradian S, Soheilian M. Periretinal Hemorrhage Due to Retinal Arterial Macroaneurysm: The Role of ICG Angiography in Solving a Diagnostic Dilemma. *J Ophthalmic Vis Res.* 2009 Apr;4(2):125-6. No abstract available.
- 36) Soheilian M, Ramezani A, Malihi M, Yaseri M, Ahmadi H, Dehghan MH, Azarmina M, Moradian S, Peyman GA. Clinical features and surgical outcomes of pediatric rhegmatogenous retinal detachment. *Retina.* 2009 Apr;29(4):545-51.
- 37) Moradian S, Nourinia R. Branch Retinal Vein Occlusion followed by Central Retinal Vein Occlusion. *J Ophthalmic Vis Res.* 2009 Jan;4(1):63-5. No abstract available.
- 38) Moradian S, Ahmadi H, Malihi M, Soheilian M, Dehghan MH, Azarmina M. Intravitreal bevacizumab in active progressive proliferative diabetic retinopathy. *Graefes Arch Clin Exp Ophthalmol.* 2008 Dec;246(12):1699-705.
- 39) Moradian S, Ahmadi H. Early onset optic neuritis following measles-rubella vaccination. *J Ophthalmic Vis Res.* 2008 Apr;3(2):118-22.
- 40) Soheilian M, Ramezani A, Bijanzadeh B, Yaseri M, Ahmadi H, Dehghan MH, Azarmina M, Moradian S, Tabatabaei H, Peyman GA. Intravitreal bevacizumab (avastin) injection alone or combined with triamcinolone versus macular photocoagulation as primary treatment of diabetic macular edema. *Retina.* 2007 Nov-Dec;27(9):1187-95.
- 41) Ahmadi H, Taei R, Soheilian M, Riazi-Esfahani M, Karkhaneh R, Lashay A, Azarmina M, Dehghan MH, Moradian S. Single-session photodynamic therapy combined with intravitreal bevacizumab and triamcinolone for neovascular age-related macular degeneration. *BMC Ophthalmol.* 2007 Jun 7;7:10.
- 42) Ahmadi H, Moradian S, Malihi M. Rapid regression of extensive retinovitreal neovascularization secondary to branch retinal vein occlusion after a single intravitreal injection of bevacizumab. *Int Ophthalmol.* 2005 Aug-Oct;26(4-5):191-3.
- 43) Soheilian M, Ghaseminejad AK, Yazdani S, Ahmadi H, Azarmina M, Dehghan MH, Moradian S, Anisian A, Peyman GA. Surgical management of retinal detachment in highly myopic eyes with macular hole. *Ophthalmic Surg Lasers Imaging.* 2007 Jan-Feb;38(1):15-22.
- 44) Ramezani A, Entezari M, Moradian S, Tabatabaei H, Kadkhodaei S. Intravitreal triamcinolone for acute central retinal vein occlusion; a randomized clinical trial. *Graefes Arch Clin Exp Ophthalmol.* 2006 Dec;244(12):1601-6.
- 45) Ranjbar Z, Moradian S, Rastegar S. Formation of a percolating cluster in films prepared by cathodic electrodeposition of a mixture of lower and higher molecular weight epoxy-amine adducts. *J Colloid Interface Sci.* 2003 Aug 15;264(2):420-30.
- 46) Ahmadi H, Moradian S, Faghihi H, Parvaresh MM, Ghanbari H, Mehryar M, Heidari E, Behboudi H, Banaee T, Golestan B; Pseudophakic and Aphakic Retinal Detachment (PARD) Study Group. Anatomic and visual outcomes of scleral buckling versus primary vitrectomy in pseudophakic and aphakic retinal detachment: six-month follow-up results of a single operation--report no. 1. *Ophthalmology.* 2005 Aug;112(8):1421-9.
- 47) Soheilian M, Feghi M, Yazdani S, Anisian A, Ahmadi H, Dehghan MH, Azarmina M, Moradian S, Moshfeghi AA, Peyman GA. Surgical management of non-metallic and non-magnetic metallic intraocular foreign bodies. *Ophthalmic Surg Lasers Imaging.* 2005 May-Jun;36(3):189-96.

International Congress

- 1) Moradian S., Ahmadiéh H., Golestan B. Scleral buckling vs primary vitrectomy in pseudophakic vitrectomy in pseudophakic and aphakic retinal detachment; a multi-center clinical trial (report#2 PARD study) American Academy of Ophthalmology congress 2005
- 2) Ramezani A., Entezari M., Moradian S., Tabatabaei H., Kadkhodaei S. Intravitreal triamcinolone for acute central retinal occlusion: a randomized clinical trial Cannes Retina Festival, 6th Annual EVRS Meeting, France, September 9 2006
- 3) Moradian S., Ahmadiéh H. Demographic characteristic and risk factors of pseudophakic and aphakic retinal detachment Cannes Retina Festival, 6th Annual EVRS Meeting, France, September 9 poster 2006
- 4) Moradian S 1-Combined BRVO & BRAO (& stellate neuroretinitis), 2-RPE , choroidal dystrophy 7th Annual EVRS Meeting, Venice Italy, September 15 oral 2007
- 5) Siamak Moradian MD, Azade Kanaani MD; Amir Faramarzi MD, Hamid Ahmadiéh MD, Masoud Soheilian MD Mohammad Hossein Dehghan MD, Mohsen Azarmina MD. The Effect of Topical Umbilical Cord serum on Healing of Corneal Epithelial Defect Created during Diabetic Vitrectomy. American Academy of Ophthalmology congress 2010
- 6) Siamak Moradian, MD ; Qiumars Heidari, MD ; Masoud Salehipoor, MD ; Mohammad Mohammadzadeh, MD ; Amir Faramarzi, MD ; Alireza Baradaran rafii, MD ; Hamid Ahmadiéh MD¹, Masoud Soheilian MD¹, Mohammad Hossein Dehghan MD¹, Mohsen Azarmina MD. Intravitreal Injections of Triamcinolone Vs Bevacizumab Vs Sham Treatment during Phacoemulsification on Diabetic Macular Edema (PEDR study) American Academy of Ophthalmology congress 2010
- 7) Siamak Moradian, MD ; Hamid Ahmadiéh, MD ; Hooshang Faghihi, MD ; Alireza Ramezani, MD ; Morteza Entezari, MD ; Tooka Banaei, MD Ebadollah Heidari, MD ; Hasan Behboodi, MD ; Amir Hossein Mahmoodi, MD ; Mehdi Yasser, PhD Visual and Anatomical Outcomes of 4 Surgical Techniques in Management of Pseudophakic and Aphakic Retinal Detachment. A multicenter randomized clinical trial American Academy of Ophthalmology congress 2011

Reviewer

- 1) Journal of Ophthalmic and Vision Research (Section Editor)
- 2) Journal of Ophthalmology
- 3) Graefes Journal of Clinical and Experimental Ophthalmology
- 4) Saudi Journal of Ophthalmology (SJO)