

Curriculum Vitae

Mohammad Riazi Esfahani, MD

Personal Information:

Address:

Farabi Eye Hospital,

Qazvin Sq., Tehran, Iran

133661651

Tel : 0098-9121446987

0098-2122201854

Office: 0098-2188787879

E-mail: riazifahimi@yahoo.com , mriazi@sina.tums.ac.ir

Date of Birth: June 16, 1963.

Education/ Degree:

- 2004** Research fellowship in vitreoretinal diseases and surgery,
Tulane University Health Sciences Center, New Orleans,
USA
- 1998** Fellowship in Vitreoretinal Surgery, Farabi Eye Hospital,
Tehran University of Medical Sciences, Tehran, Iran
- 1993** Residency Training Program in Ophthalmology,
Farabi Eye Hospital, Tehran University of Medical
Sciences, Tehran, Iran.
- 1990** Doctor of Medicine (MD), Tehran University of Medical
Sciences, Tehran, Iran.

Academic Experiences

1. Director of Eye Research Center, TUMS, Sep. 2014-2015
2. Director of Residency Training Program, Department of
Ophthalmology, TUMS, May 2004- 2015
3. Professor of Ophthalmology, Farabi Eye Hospital,
Tehran University of Medical Sciences, March 2012- present.
4. Associate Professor of Ophthalmology, Farabi Eye Hospital,
Tehran University of Medical Sciences, Aug., 2006- March 2012
5. Assistant Professor of Ophthalmology, Farabi Eye Hospital,
Tehran University of Medical Sciences, Aug., 1995- 2006.
6. Examiner of Ophthalmic Section of National Residency Entrance
Examination Election of Residents, Iran; 1998-2000.

7. Responsible for Computer Training in Farabi Eye Hospital 1999-2002.
8. Chairman and Assistant Professor of Ophthalmology, Department of Ophthalmology, Kermanshah University of Medical Sciences, Iran, 1994-1995.
9. Adjunct Professor of Ophthalmology, Tonekabon School of Medicine, Azad University, 1995-1996.
10. Member of Organizing Committee , 9th and 10th Iranian Annual Meeting of Ophthalmology held in 1999 & 2000.
11. Member of Organizing and Scientific Committee, and Responsible for Courses and Wet-labs, Second Iranian International Congress of Ophthalmology, Dec. 18-21, 2001.
12. Member of Organizing Committee, 12th Iranian Annual Meeting of Ophthalmology, 2002
13. Vitreoretinal Fellowship Preceptor, Farabi Eye Hospital, TUMS, 1998- present.

Practice:

1. Consultant Vitreoretinal Surgeon, Farabi Eye Hospital, 1998-present.
2. Consultant Vitreoretinal Surgeon, Noor Eye Center & Hospital, 1999-present.
3. Ophthalmic Surgeon, Shoorideh Hospital, 1999-present.
4. Ophthalmic Surgeon, Khatam Hospital, 2001-present.
5. Consultant Vitreoretinal Surgeon, Dubai Iranian Hospital, UAE, Sep.- Oct. 2000.

Editorial Appointments:

1. Member of Editorial Board of Journal of Ophthalmic and Vision Research, 2005- present.
2. Member of Editorial Board of Iranian Journal of Ophthalmology (Journal of Iranian Society of Ophthalmology), 1996-present.
3. Member of Editorial Board of Aboo Nasr-e Farabi (Ophthalmic Journal of Farabi Eye Hospital), 2001-2002.

Lectures and Presentations:

1. Surgical management of ROP. First Iranian congress of ROP. Tehran, Feb. 2015
2. Updates in the management of ROP. 10th annual seminar of Labbafinejad eye center. Jan. 2014

3. Pharmacologic vs. thermal treatments in ROP. 23rd. IRSO meeting, Dec. 2014
4. Refractory diabetic macular edema. Fourth annual seminar of Labbafinejad eye center. Jan. 2014
5. Predictive value of pharmacological pupillary dilation in ROP diagnosis. Poster presentation in AAO meeting. Nov. 16-19, 2013
6. Telemedicine in ROP. 22nd Iranian congress of ophthalmology. Oct. 2013
7. OCT in macular disorders. 22nd Iranian congress of ophthalmology. Oct. 2013
8. Vitreoretinal considerations in anterior segment surgery. 22nd Iranian congress of ophthalmology. Oct. 2013
9. Moderator of residency program. 22nd Iranian congress of ophthalmology. Oct. 2013
10. Moderator of advances in retinal imaging. 22nd Iranian congress of ophthalmology. Oct. 2013
11. Moderator of retinal imaging symposium. Annual congress of Iranian Society of vitreoretinal diseases. Tehran. May 2013
12. New trends in vitreoretinal surgery. Annual congress of Iranian Society of vitreoretinal diseases. Tehran. May 2013
13. OCT in diagnosis and management of AMD. Annual congress of Iranian Society of vitreoretinal diseases. Zibakenar. May 2012
- 14.** New concepts in AMD. 21st. Iranian congress of ophthalmology. Nov. 13-17, 2011
15. Does autofluorescence changes in subfoveal neovascular-AMD have significant correlation with central macular thickness after intravitreal injection of Bevacizumab? Riazi M, Ahmadi H, Piri N et al. Canadian Ophthalmology Congress. June 19-23, 2009
16. OCT in Diabetic retinopathy. Riazi M. Seminar on diabetic retinopathy. Farabi Eye Hospital. Jan. 1st. 2009
17. An RCT to evaluate the effects of intravitreal Bevacizumab with those of combined Bevacizumab and MPC on reduction of macular edema in diabetics. Faghihi H, Riazi M, Aalami Z, Madani Sh. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
18. Effect of intravitreal Avastin on regression of iris neovascularization. Farahvash MS, Noori A, Aalami Z, Riazi M. Iranian Congress of Ophthalmology. Nov. 25-27, 2008

19. Biomechanical properties of the cornea in eyes with encircling or segment buckle compared to un-operated fellow eye. Riazi M, Jafarzadehpur E. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
20. Measurement of autofluorescence changes in neovascular AMD after intravitreal injection of Bevacizumab. Riazi M, Ahmadi H, Norouzifard M, Salehi AR et al. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
21. Preventing blindness due to ROP. Mousavi SZ, Karkhaneh R, Riazi M. et al. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
22. Retinal Neuroprotection, Riazi M. Retinal Subspecialty day. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
23. Macular changes after cataract surgery. Riazi M. Retinal symposium. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
24. Endoscopy in vitreoretinal surgery. Riazi M. Instruction course. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
25. Influence of Memantine on visual function after successful scleral buckling for RRD. Aalami Z, Riazi M, Abdollahi A, Khakbaz M. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
26. A decade of ROP in Farabi Eye Hospital. Karkhaneh R, Mousavi SZ, Riazi Esfahani M. et al. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
27. OCT findings in myopic eyes after cataract surgery. Hajizadeh F, Riazi Esfahani M. 18th. Iranian Congress of Ophthalmology. Nov. 25-27, 2008
28. Efficacy of Memantine [N- Methyl- D- Aspartate (NMDA) receptor antagonist] versus placebo in acute non arteritic anterior ischemic optic neuropathy (NAION). Mohammad Riazi-Esfahani MD, Zahra Aalami- Harandi MD, Afsaneh Gholami MD, Abdolreza Tabasi MD, Ahmad Mirshahi MD, Morteza Movassat MD, Niloofar Piri MD, Ghasem Fakhraee MD. European Vitreoretinal Society Meeting, Prague, Sep. 6-9, 2008
29. Efficacy of Memantine [N- Methyl- D- Aspartate (NMDA) receptor antagonist] versus placebo in acute non arteritic anterior ischemic optic neuropathy (NAION). Mohammad Riazi-Esfahani MD, Zahra Aalami- Harandi MD, Afsaneh Gholami MD, Abdolreza Tabasi MD, Ahmad Mirshahi MD, Morteza Movassat

MD, Niloofar Piri MD, Ghasem Fakhraee MD. American Academy of Ophthalmology Meeting. New Orleans, Nov. 2007

30. Intravitreal Bevacizumab vs. Bevacizumab combined with Triamcinolone for Neovascular AMD: Six Week Efficacy Result of a Clinical Trial. M Riazi Esfahani, Hamid Ahmadi, Niloufar Piri et al. American Academy of Ophthalmology Meeting, Las Vegas, 11- 14 Nov. 2006

31. Retinopathy of prematurity; incidence and risk factors in Iran

32. Mohammad Riazi Esfahani, Reza Karkhaneh, Mohsen Adelpour Mohammad-Reza Mansouri, Mahdi Nili, Maliheh Kadivar. Lithuania, World ROP Meeting, 14- 16 Sep. 2006

33. Intravitreal bevacizumab (Avastin) added to conventional therapy for threshold ROP. Mohammad Riazi Esfahani, Reza Karkhaneh, Ramak Roohipour, Morteza Movasat. Lithuania, World ROP Meeting, 14- 16 Sep. 2006

34. Implantation of Aniridia Intraocular Lens for Traumatic Aniridia in Vitrectomized Eye. S. Moghimi, M. Riazi, M. Maghsoudipour. London, ESCRS Meeting, 9- 13 Sep. 2006

35. Visual clues for differentiating optic nerve from retinal diseases. Seminar of neurophthalmology. Aug. 18, 2005

36. Shaken Baby Syndrome. Seminar of retinal diseases in children. Jul. 28, 2005

37. Combination of Triamcinolone Acetonide With Low Molecular Weight Heparin and Doxycycline in Inhibition of Experimental Corneal Angiogenesis. M.Kivilcim, E.Aydin, G.A. Peyman, M.Riazi Esfahani, A.A. Kazi, D.R. Sanders, ARVO, Fort Lauderdale, USA May 4-7 2005

38. Prevention of Corneal Neovascularization: Evaluation of Various Commercially Available Compounds in an Experimental Rat Model. M.Riazi Esfahani, G.A. Peyman, E.Aydin, A.A. Kazi, D.Sanders. ARVO, Fort Lauderdale, USA May 4-7 2005

39. Inhibition of Experimental Angiogenesis of Cornea by Doxycycline. E. Aydin, G.A. Peyman, M. Riazi Esfahani, A.A. Kazi, D.R. Sanders. ARVO, Fort Lauderdale, USA May 4-7 2005
40. Intravitreal Toxicity of Doxycycline. G.A. Peyman, E. Aydin, A.A. Kazi, M. Riazi Esfahani. ARVO, Fort Lauderdale, USA May 4-7 2005
41. Intravitreal Toxicity of Garenoxacin. J.T. DellaCroce, M. Riazi Esfahani, A.A. Kazi, G.A. Peyman, E. Aydin. ARVO, Fort Lauderdale, USA May 4-7 2005
42. Intravitreal Toxicity of Moxifloxacin. P.N. S. Khan, E. Aydin, A.A. Kazi, G.A. Peyman, M. Riazi Esfahani. ARVO, Fort Lauderdale, USA May 4-7 2005
43. Embryonal Rhabdomyosarcoma Presenting as a Cutaneous Nodule on Cheek. A. Sadeghi, F. Asadi, MT. Rajabi, M. Riazi Esfahani. presented as a poster in 20th Asia Pacific Academy of Ophthalmology Congress, Kuala Lumpur, March 27-31 2005
44. Pseudomelanoma syndrome: Primary Choroidal Malignant Lymphoma; Clinicopathological Report and Review of Literature. MT. Rajabi, F. Asadi, M. Riazi Esfahani. presented as a poster in 20th Asia Pacific Academy of Ophthalmology Congress, Kuala Lumpur, March 27-31 2005
45. Prevention of Corneal Neovascularization: Evaluation of Various Commercially Available Compounds in Experimental Rat, Presented as a poster in 2nd SERI-ARVO, Singapore, Feb. 16-20 2005
46. The Effect of Combination of Fluoribipofen, Low Molecular Weight Heparin, and Doxycycline on the Inhibition of Corneal Neovascularization, presented in a symposium in 2nd SERI-ARVO, Singapore, Feb. 16-20 2005
47. Antiangiogenic drugs in AMD. 14th Iranian Congress of Ophthalmology. Dec. 14-17, 2004.
48. Incidence and Risk Factors in Retinopathy of Prematurity. 14th Iranian Congress of Ophthalmology. Dec. 14-17, 2004.
49. Dextrometorphan, A New Treatment for Patients with Central Retinal Artery Occlusion. 14th Iranian Congress of Ophthalmology. Dec. 14-17, 2004.
50. The effects of retinal cryotherapy in proliferative diabetic retinopathy with media opacities, presented as a poster in 29th International Congress of Ophthalmology, Sidney, Apr. 21-25 2002.

- 51.ROP: Incidence and its risk factors, presented orally in 13 th congress of European Society of Ophthalmology, Istanbul, June 3-7, 2001.
- 52.Early Intraocular pressure changes after pars plana vitrectomy, presented orally in second Iranian International congress of Ophthalmology, Tehran, Dec. 18-21, 2001.
- 53.Over 40 lectures and posters in differect aspects of vitreoretinal diseases in : Iranian Congresses and Annual Meetings including: laser surgery and vitrectomy in diabetes, Assessment of ROP, Intraocular tumors, Autoimmune diseases and the eye, toxicity of drugs in retina,...

English Publications:

1. Estrago Franco F, Tarek M, **Riazi Esfahani M**, Sapkal A, Piche-Lopez R, Patil A, Sharma A, Falatoonzadeh P, Chwa M, Luczy-Bachman G, Kuppermann B, Kenney C. Effects of Benzo (e)Pyrene on ROS/RNS and Inflammatory Cytokines Induction in Human RPE Cells and Attenuation by Mitochondrial-involved Mechanism. J Ophthalmic Vis Res. 2016;11:385-93.
2. Roohipoor R, Sharifian E, Ghassemi F, **Riazi Esfahan M**, et al. Choroidal thickness changes in proliferative diabetic retinopathy treated with panretinal photocoagulation versus panretinal photocoagulation with intravitreal Bevacizumab. Retina. 2016 Oct; 36(10): 1997-2005
3. EbrahimiAdib N, Roohipour R, Karkhaneh R, Farahani A, **Riazi Esfahani M** et al. Internet-based versus Conventional Referral System for Retinopathy of Prematurity Screening in Iran. Ophthalmic Epidemiology. 2016. June <http://www.tandfonline.com/doi/full/10.3109/09286586.2015.1136653>
4. Karkhaneh R, Khodabande A, **Riazi Esfahan M**, et al. Efficacy of intravitreal bevacizumab for zone-II retinopathy of prematurity. Acta Ophthalmol. 24 March 2016
5. Roohipoor R, Karkhaneh R, **Riazi Esfahani M**, et al. Comparison of refractive error changes in ROP patients treated with diode and green LASER. Ophthalmologica. 2016; 235: 173-8
6. Beheshtian M, Saeerad S, Babanejad M, Mohseni M, Hashemi H, Eshghabadi A, Hajizadeh F, Akbari MR, Kahrizi K, **Riazi**

- Esfahani M**, Najmabadi H. Impact of whole exome sequencing among Iranian patients with autosomal recessive RP. *Arch Iran Med*. 2015 Nov;18(11):776-85
7. **Riazi Esfahani M**, Khademi MR, Mazloumi M, Khodabandeh A, Riazi Esfahani H. Macular surgery using spectral domain OCT. *J Ophthalmic Vis Res*. 2015; 10 (3): 309-315
 8. Mazaheri N, Riazi Esfahani H, Jafarzadehpour E, Mirzajani A, Talebi H, Aminii A, Mazloumi M, Roohipour R, **Riazi Esfahani M**. Multifocal ERG in diabetic macular edema; Correlation with visual acuity and OCT. *J Ophthalmic Vis Res*. 2015; 10 (2): 165-171.
 9. Tamaddon L, Mostafavi SA, Karkhaneh R, **Riazi Esfahani M**, Rafiee-Tehrani M. Thermoanalytical characterization of clindamycin loaded implants prepared by hot melt extrusion. *Adv Biomed Res*. 2015; 4: 147
 10. **Riazi Esfahani M**, Riazi Esfahani H, Mahmoudi A, Johari MK, Hemati K. Focal Choroidal Excavation in Best Vitteliform Macular Dystrophy: A case report. *Journal of Clinical and Diagnostic Research*. 2015 May, Vol-9(5): ND01-ND02
 11. Tabatabaei SA, Soleimani M, Mansouri MR, Ebrahimi M, Abdi P, **Riazi Esfahani M**. Exogenous endophthalmitis due to ellicit drug injection in an IV drug abuser. *Open J Ophthalmology*. 2015; 5: 155-7
 12. Varshochian R, **Riazi Esfahani M**, Jeddi-Tehrani M, Mahmoudi AR, Aghazadeh S. et al. Albuminated PLGA nanoparticles containing Bevacizumab intended for ocular neovascularization treatment. *J Biomed Mater Res A*. 2015 Oct;103(10):3148-56
 13. Tamaddon L, Mostafavi SA, Karkhaneh R, **Riazi Esfahani M**. Et al. Design and development of intraocular polymeric implant system for long-term controlled-release of clindamycin phosphate for toxoplasmic retinochoroiditis. *Adv Biomed Res*. 2015 Jan 30;4:32.
 14. Piri N, Ahmadi H, Taei R, Soheilian M, Karkhaneh R, Lashay A, Golbafian F, Yaseri M, **Riazi-Esfahani M**. Photodynamic Therapy and Intravitreal Bevacizumab with vs. without Triamcinolone for Neovascular AMD: A Randomized Clinical Trial. *Journal of Ophthalmic and Vision Research*. 2014; 9(4): 469-77
 15. Maghami MH, Sodagar AM, Lashay A, Riazi H, **Riazi-Esfahani M**. *Journal of Ophthalmic and Vision Rsearch*. 2014; 9(4): 494-505

16. Tamaddon L, Mostafavi A, **Riazi-Esfahani M** et al. Development, Characterization, and Biocompatibility Evaluations of Intravitreal Lipid Implants. *Jundishapur J Nat Pharm Prod.* 2014 May; (9)2: e16414
17. Kabir FR, Fattahian HR, **Riazi-Esfahani M**, The Protective Role of Silymarine on Selenium induced Cataract in Rabbit Model. *Kafkas Univ Vet Fak Derg.* 2014; 20 (1): 143-147
18. **Riazi-Esfahani M**, Jafarzadehpour E, Hashemi H, Ghaffari E. Evaluation of Corneal Biomechanical Properties following Scleral Buckling using ORA. *Iranian Journal of Ophthalmology* 2013; 5 (2): 151-4
19. Varshochian R, Jeddi-Tehrani M, Mahmoudi AR, Khoshayand MR, Atyabi F, Sabzevari A, **Esfahani MR**, Dinarvand R. The protective effect of albumin on bevacizumab activity and stability in PLGA nanoparticles intended for retina and choroidal neovascularization treatments. *Eur J Pharm Sci.* 2013 Aug 8;50(3-4):341-352
20. Roohipour R, Tabassomi F, **Riazi Esfahani M** et al. Preliminary Efficacy of Autologous Plasmin Injection in Pediatric Vitrectomy. *Iranian Journal of Ophthalmology* 2013; 25 (1): 53-58
21. Tamaddon L, Mostafavi S.A, Dorkoosh F.A, Karkhaneh R, **Riazi-Esfahani M**, Rafiee-Tehrani M. A novel design of a biodegradable intravitreal implant for the sustained release of clindamycin. *Research in Pharmaceutical Sciences*, 2012;7(5)
22. Ebrahimiadib N, **Riazi-Esfahani M**, Autofluorescence Imaging for Diagnosis and Follow-up of Cystoid Macular Edema. *Journal of Ophthalmic & Vision Research* 2012; 7(3) : 261-7
23. Noori J, Riazi-Esfahani M, Hajizadeh F, Zaferani MM, Choroidal Mapping; a Novel Approach for Evaluating Choroidal Thickness and Volume. *Journal of Ophthalmic & Vision Research* 2012; 7(2): 180-5
24. Hajizadeh F, Faghihi H, **Riazi Esfahani M**. Branch retinal vein occlusion as a coincident ocular sign of systemic primary CMV infection: A case report. *Iranian Journal of Ophthalmology* 2012 ; 24(3) : 62-64.
25. Hodjatjalali K, **Riazi M**, Faghihi H, Khorami A. Ultrasound biomicroscopy study of vitreous incarceration subsequent to intravitreal injections. *Can J Ophthalmol.* 2012 Feb;47(1):24-7.

26. **Esfahani MR**, Harandi ZA, Movasat M, Nikdel M, Memantine for axonal loss of optic neuritis. *Graefes Arch Clin Exp Ophthalmol*. 2012 Jun;250(6):863-9.
27. Bigdeli H, Roohipoor R, Karkhaneh R, **Riazi-Esfahani** et al, Structural Outcome of Treated Retinopathy of Prematurity Patients. *Iranian Journal of Ophthalmology* 2012 ; 24(1): 56-65
28. Hajizadeh F, **Riazi-Esfahani M**, Faghihi H et al, Optical Coherence Tomography Findings in Highly Myopic Eyes following Cataract Surgery. *Iranian Journal of Ophthalmology* 2011 ; 23(4) : 49-54
29. Faghihi H, Hajizadeh F, **Esfahani MR** et al. Post-traumatic Endophthalmitis: Report No. 2. *Retina*. 2011 Jul 19. [Epub ahead of print]
30. Ahmadieh H, Taei R, **Riazi-Esfahani M**, Piri N, Homayouni M, Daftarian N, Yaseri M. Intravitreal bevacizumab versus combined intravitreal bevacizumab and triamcinolone for neovascular age-related macular degeneration: six-month results of a randomized clinical trial. *Retina*. 2011 Oct;31(9):1819-26.
31. Roohipoor R, Ghasemi H, Ghassemi F, Karkhaneh R, **Riazi-Esfahani M**, Nili-Ahmadabadi M. Intravitreal bevacizumab in retinopathy of prematurity: an interventional case series. *Graefes Arch Clin Exp Ophthalmol*. 2011 Sep;249(9):1295-301. Epub 2011 Apr 15.
32. Moradian S, Faghihi H, Sadeghi B, Piri N, Ahmadieh 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
33. **Riazi-Esfahani M**, Ghafari E, Alami Z, Optical Coherence Tomography Findings in Idiopathic Perifoveal Telangiectasia. *Iranian Journal of Ophthalmology* 2011 ; 23(3) : 21-26
34. Riazi-Esfahani M, Khakbaz M, Alami Z et al, Effects of Memantine on Visual Functions after Scleral Buckling for Retinal Detachment. *Iranian Journal of Ophthalmology* 2011 ; 23(2) : 3-10
35. Nili M, Rooholamin FS, Riazi-Esfahani M et al, Association of Retinal Vascular Diameter and Vascular Branching Angle with Diabetic Retinopathy Stage: A Cross-Sectional Study. *Iranian Journal of Ophthalmology* 2011 ; 23(1) : 21-26

36. Riazi-Esfahani M, Alami Z, Kiumehr S et al, Memantine Treatment in Acute Nonarteritic Anterior Ischemic Optic Neuropathy: A Randomized Clinical Trial. Iranian Journal of Ophthalmology 2011 ; 23(1) :11-20
37. **Riazi-Esfahani M**, Torabi HR, Alami Z, Zarei M. Ketoconazole in the Treatment of Central Serous Chorioretinopathy. Iranian Journal of Ophthalmology 2010 ; 22(4) : 59-65
38. **Riazi-Esfahani M**, Kohansal S, Hajizadeh F, Mahmoudi AH. Enhanced Depth Imaging Optical Coherence Tomography A New Method in Diagnosis and Evaluation for Choroidal Hemangioma : A Case Report. Iranian Journal of Ophthalmology 2010 ; 22(3) : 47-52
39. Nili Ahmadabadi M, Azaripour E, Movasat M, Karkhaneh R, **Riazi-Esfahani M**. et al. Ultrasound Biomicroscopy of Conventional and Suturless (23, 25 Gauge) Sclerotomy sites after Pars Plana Vitrectomy. Iranian Journal of Ophthalmology 2010 ; 22(3) : 17-22
40. Mousavi SZ, Karkhaneh R, **Riazi-Esfahani M**. et al. Screening for Retinopathy of Prematurity. The Role of Educating the Parents. Iranian Journal of Ophthalmology 2010 ; 22(2) : 13-18
41. Mousavi SZ, **Riazi-Esfahani M**, Karkhaneh R. et al. Characteristics of Advanced Stages of Retinopathy of Prematurity. Iranian Journal of Ophthalmology 2010 ; 22(2) : 19-24
42. Roohipoor R, **Riazi-Esfahani M**, Karkhaneh R. et al. Anatomical Outcome of 25-Gauge Vitrectomy Associated with Scleral Buckling in Stage 5 Retinopathy of Prematurity : A Case Series Study. Iranian Journal of Ophthalmology 2010 ; 22(2) : 25-31
43. Faghihi H, **Riazi-Esfahani M**, Alami Z, Madani Sh. Intravitreal Bevacizumab vs. Combination of Bevacizumab plus Macular Photocoagulation in Clinically Significant Macular Edema: 6 Months Results of A Randomised Clinical Trial. Iranian Journal of Ophthalmology 2010 ; 22(1) :
44. Faghihi H, Hajizadeh F, **Riazi-Esfahani M**. Optical Coherence Tomography Findings in Highly Myopic Eyes. Journal of Ophthalmic & Vision Research 2010 ; 5 (2) : 110-121
45. Nili Ahmadabadi M, Karkhaneh R, Mirshahi A, Lashay R, Alami Z, Roohipoor R, Riazi-Esfahani M. et al. Premacular Hemorrhage in Valsalva Retinopathy: A Study of 21 Cases. Iranian Journal of Ophthalmology 2009 ; 3(21) :11-16

46. Roohipour R, Karkhaneh R, **Riazi-Esfahani M**, Ghasemi F, Nili-Ahmadabadi M. Surgical management in advanced stages of retinopathy of prematurity; Our experience. *Journal of Ophthalmic & Vision Research* 2009 ; 4 (3) : 185- 90
47. Hashemian MN, Moghimi S, Kiumehr S, **Riazi M**, Amoli FA. Prevention and treatment of corneal neovascularization: Comparison of different doses of subconjunctival Bevacizumab with corticosteroid in experimental rats. *Ophthalmic Res.* 2009; June 18; 42(2): 90-95
48. Lashay AR, Behnia M, Karkhaneh R, Mirshahi A, **Riazi-Esfahani M**. et al. Surgical outcomes of complicated retinal detachment using heavy silicone oil as an internal tamponade. *Iranian Journal of Ophthalmology*; 2009; 21(3): 25-30
49. **Riazi-Esfahani M**, Behnia M, Faghihi H, Aalami Z, Karkhaneh R. et al. Pars plana vitrectomy for retinal detachments associated with chorioretinal coloboma. *Iranian Journal of Ophthalmology*; 2009; 21 (2): 36-40
50. Mousavi SZ, Karkhaneh R, **Riazi-Esfahani M**. et al. ROP in Infants with Late Retinal Examination. *Journal of Ophthalmic & Vision Research* 2009 ; 4 (1) : 24-28
51. **Riazi-Esfahani M**, Asghari H, Piri N. Advanced proliferative diabetic retinopathy in four young patients with flexion contractures (Rosenbloom syndrome). *Int Ophthalmol.* 2009 29: 261-265
52. Tabatabaee SA, Rasoolinejad A, Moghimi S, Faghihi H, Mirshahi A, **Riazi-Esfahani M**. et al. The Results of Radial Optic Neurotomy for Treatment of Central Retinal Vein Occlusion. *Acta Medica Iranica* 2008; 46 (5): 373-8
53. **Riazi-Esfahani M**, Kiumehr S, Asadi-Amoli F, Dehpour AR. Effects of intravitreal morphine at different time points after reperfusion in a rabbit model of ischemic retinopathy. *Retina.* 2009 Feb;29(2):262-8.
54. Faghihi H, Taheri A, Farahvash MS, Esfahani MR, Rajabi MT. Intravitreal triamcinolone acetonide injection at the end of vitrectomy for diabetic vitreous hemorrhage: a randomized, clinical trial. *Retina.* 2008 Oct;28(9):1241-6.
55. **Riazi Esfahani M**, Ahmadi H, Faghihi H. et al. Intravitreal Bevacizumab versus combined Bevacizumab and triamcinolone acetonide for neovascular age-related macular deg. *Ophthalmic & Vision Research* 2008 ; 3 (2) : 95-101

56. **Riazi Esfahani M**, Alizadeh Y, Karkhaneh R, et al. Retinopathy of prematurity: single versus multiple-birth pregnancies. *Ophthalmic & Vision Research* 2008 ; 3 (1) : 47-51
57. Karkhaneh R, Mousavi SZ, **Riazi-Esfahani M**, Ebrahimzadeh SA, Roohipoor R, Kadivar M, Ghalichi L, Mohammadi SF, Mansouri MR. Incidence and risk factors of retinopathy of prematurity in a tertiary eye hospital in Tehran. *Br J Ophthalmol*. 2008; 49: 1446-9
58. **Riazi M**, Moghimi S, Najmi Z, Ghaffari R. Secondary Artisan-Verysise intraocular lens implantation for aphakic correction in post-traumatic vitrectomized eye. *Eye*. 2008 Nov;22(11):1419-24. Epub 2008 Aug 29.
59. Aydin E, Kivilcim M, Peyman GA, **Esfahani MR**, Kazi AA, Sanders DR. Inhibition of experimental angiogenesis of cornea by various doses of doxycycline and combination of triamcinolone acetonide with low-molecular-weight heparin and doxycycline. *Cornea*. 2008 May;27(4):446-53.
60. Aalami Z, Gholami A, **Riazi-Esfahani M**, Tabasi AR et al. Efficacy of Memantine in acute nonarteritic ischemic optic neuropathy. *Iranian Journal of Ophthalmology*; 2008; 20 (3): 39-44
61. Ahmadi H, Taei R, Soheilian M, Riazi-Esfahani M, Ahadi. Single-session photodynamic therapy combined with intravitreal bevacizumab for neovascular age-related macular degeneration. *Eur J Ophthalmol*. 2008 Mar-Apr;18(2):297-300.
62. **Riazi-Esfahani M**, Kiumehr S, Asadi-Amoli F, Lashay AR, Dehpour AR. Morphine pretreatment provides histologic protection against ischemia-reperfusion injury in rabbit retina. *Retina*. 2008 Mar;28(3):511-7.
63. Farahvash MS, Mahmoudi AH, Farahvash MM, Tabatabaee A, **Riazi M**, et al. The impact of macular laser photocoagulation on contrast sensitivity function in patients with clinically significant macular edema. *Arch Iranian Med* 2008; 11 (2): 143-147
64. Mirshahi, Dezhagah, Lashay, Tabatabaei, Farahvash, Faghihi, Abdollahi, Karkhaneh, Movasat, **Riazi-Esfahani**. Comparison of the effects of 5-FU, LMWH and Daunomycin in Combination with Triamcinolone during Vitrectomy in Advanced Retinal Detachment. *Iranian Journal of Ophthalmology*; 2008; 20 (1): 42-47
65. Farahvash MS, Moradi-Moghadam M, Faghihi H, Javadian A, Karkhaneh R, Mirshahi A, Nili-AhmadAbadi M, Mansouri MR,

- Riazi-Esfahani M**, Aalami-Harandi Z. Pars Plana Vitrectomy in Rhegmatogenous Retinal Detachment - A Survey of 230 Eyes. *Iranian Journal of Ophthalmology*; 2007; 19 (3): 11-14
66. Asadi-Amoli F, Moradi H, Rajabi MT, **Riazi-Esfahani M**. Adenocarcinoma of Retinal Pigment Epithelium Clinically Diagnosed as Malignant Melanoma; A Case Report with Unsystematic Review of Literature. *Iranian Journal of Ophthalmology*; 2007; 19 (4): 43-47
67. **Riazi-Esfahani M**, Karkhaneh R, Roohipour R, Movasat M. Intravitreal Bevacizumab (Avastin) Added to Conventional Therapy for Threshold ROP. *Iranian Journal of Ophthalmology*; 2007; 19 (4): 34-38
68. Karkhaneh R, Chams H, Amoli FA, **Riazi-Esfahani M**, Ahmadabadi MN, Mansouri MR, Nouri K, Karkhaneh A. Long-term surgical outcome of posterior choroidal melanoma treated by endoresection. *Retina*. 2007 Sep;27(7):908-14.
69. Faghihi H, Hajizadeh F, Mohammadi SF, Kadkhoda A, Peyman GA, **Riazi-Esfahani M**. Pars plana Ahmed valve implant and vitrectomy in the management of neovascular glaucoma. *Ophthalmic Surg Lasers Imaging*. 2007 Jul-Aug;38(4):292-300.
70. Moghimi S, **Riazi Esfahani M**, Maghsoudipour M. Visual function after implantation of aniridia intraocular lens for traumatic aniridia in vitrectomized eye. *Eur J Ophthalmol*. 2007 Jul-Aug;17(4):660-5.
71. 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.
72. Aydin E, Kazi AA, Peyman GA, **Esfahani MR**, Muñoz-Morales A, Kivilcim M, Caro-Magdaleno M. Retinal toxicity of intravitreal doxycycline. A pilot study. *Arch Soc Esp Oftalmol*. 2007 Apr;82(4):223-8. Spanish.
73. Nili-Ahmadabadi M, Espandar L, Mansoori MR, Karkhaneh R, **Riazi M**, Ardestani E. Therapeutic effects of macular grid photocoagulation in treatment of nonexudative age-related macular degeneration. *Arch Iran Med*. 2007 Jan;10(1):14- 9.
74. Farahvash MS, Aghsaie-Fard M, Mirshahi A, Lashay A, Javadian A, Faghihi H, Moradimoghadam M, Tabatabaei A, Karkhaneh R, Aalami-Harandi Z, **Riazi-Esfahani M**. Tissue Plasminogen

Activator versus Aspirin in Central Retinal Vein Occlusion. Iranian Journal of Ophthalmology; 2006; 19 (3): 22-28.

75. Sadeghi Tari A, Asadi Amoli F, Rajabi MT, **Riazi Esfahani M**, Rahimi A. Cutaneous Embryonal Rhabdomyosarcoma Presenting as a Nodule on Cheek; A Case Report and Review of Literature. Orbit; 2006 Sep;25(3):235-8.
76. Asadi Amoli F, Rajabi MT, **Riazi Esfahani M**, Sadeghi A. Primary Choroidal Malignant Lymphoma: A Case and Review of Literature. Acta Medica Iranica; 2006; 44 (2): 145- 150
77. **Riazi Esfahani M**, Peyman GA, Kazi AA, Aydin E, Kivilcim M, Sanders DR. Prevention of corneal neovascularization: evaluation of various commercially available compounds in an experimental rat model. Cornea. 2006 Aug;25(7):801-5.
78. Peyman GA, Kazi AA, **Riazi Esfahani M**, Aydin E, Kivilcim M, Sanders DR. The effect of combinations of flurbiprofen, low molecular weight heparin, and doxycycline on the inhibition of corneal neovascularization. Cornea. 2006 Jun;25(5):582-5.
79. Kazi AA, Jermak CM, Peyman GA, Aydin E, **Riazi Esfahani M**. Intravitreal toxicity of levofloxacin and gatifloxacin. Ophthalmic Surg Lasers Imaging. 2006 May-Jun;37(3):224-9
80. Faghihi H, Jalali KH, Amini A, Hashemi H, Fotouhi A, **Riazi Esfahani M**. Rhegmatogenous Retinal Detachment after LASIK for Myopia. J Refract Surg. 2006 May;22(5):448-52.
81. Aydin E, Kazi AA, Peyman GA, **Riazi Esfahani M**. Intravitreal Toxicity of Moxifloxacin. Retina; 2006 Feb; 26 (2): 187- 90
82. **Riazi Esfahani M**, Kazi AA, Peyman GA, Dellacrose JT, Aydin E. Intravitreal Toxicity of Garenoxacin. Retina; 2006 Feb; 26 (2): 182-6.
83. Farahvash MS, Mohammadzadeh SH, Movasat M, Mirshahi A, Moradimoghaddam M, Moghimi S, Karkhaneh R, Alami Z, Javadian A, Lashay AR, Tabatabaei A, **Riazi esfahani M**. et al. Multifocal Electroretinography in the Evaluation of Eyes with BRVO. Iranian Journal of Ophthalmology; 2005; 18 (1): 91- 97
84. Lashay AR, Manaviat M, Azimi R, **Riazi M**. Optic Neuritis, Preretinal Hemorrhage, and Retinal Vasculitis as Ocular Manifestations of Brucellosis. Ann Ophthalmol; 2005; 37 (4): 291-294
85. Faghihi H, Hashemi H, Jalali KH, Amini A, **Riazi Esfahani M**. Refractive outcome of Silicone Oil Removal and Intraocular Lens

- Implantation Using Laser Interferometry. Retina 2005; 25 (2): 162-166
86. **Riazi Esfahani M**, Hovanesian A, Lashay AR, Naddaf Dezfouli SR, Assmar M. Rapid Diagnosis of Ocular Toxoplasmosis by Using Polymerase Chain Reaction; Iranian Journal of Ophthalmology; 2004; 17 (2): 102-4
87. Faghihi H, Hashemi H, Jalali KH, Amini A, **Riazi Esfahani M**. Refractive outcome of Silicone Oil Removal and Intraocular Lens Implantation Using Laser Interferometry; Retina 2005; 25 (2): 162-166
88. Faghihi H, Lashay A, Ghazi H, Tabatabaie A, Mansouri MR, Javadian A, Karkhaneh R, **Riazi M**, Mirshahi A, Alami Z, Movasat M, Farahvash MS, Amini A, Shams H, Nili M. Primary Vitrectomy Versus Scleral Buckling in Patients with Retinal Detachment after Cataract Surgery; Acta Medica Iranica 2004; 42 (2): 108-113
89. Karkhaneh R, **Riazi Esfahani M**, Lashay AR, Chams H. A Survey on Visual Impairment and Blindness in Children with ROP; Iranian Journal of Ophthalmology 2003 ;15(2):101-5
90. **Riazi Esfahani M**, Karkhaneh R, Shokravi N. Assessment of ROP Among 150 Premature Neonates in Farabi Eye Hospital; Acta Medica Iranica 2001; 39(1):35-38

Farsi Publications:

1. Mousavi SZ, Karkhaneh R, **Riazi-Esfahani M**, Mansouri MR, Roohipour R, Ghalichi L, Kadivar M, Nili M, Naieri F. Incidence, severity and risk factors of retinopathy of prematurity in premature infants with late retinal examination. Bina 2008 ; 13(4) :412-417
2. **Riazi Esfahani M**, Alizadeh Y, Karkhaneh R, et al. Frequency and severity of retinopathy of prematurity: singleton versus multiple-births. Bina 2007 ; 12(4) :421-427

3. Mansouri MR, Kadivar M, Karkhaneh R, **Riazi Esfahani M**, et al. Prevalence and risk factors of retinopathy of prematurity in very low birth weight or low gestational age infants. *Bina* 2007; 12 (4): 428-434
4. Nili-AhmadAbadi M, Ghasemi F, Karkhaeh R, Mirshahi A, **Riazi-Esfahani M**, Lashay A, Faghihi H, Mansouri MR, Javadian A, Movasat M. Endophthalmitis in Farabi Eye Hospital: A Review of 223 Cases. *Iranian Journal of Ophthalmology*; 2006; 19 (3): 9-13.
5. Nili Ahmadabadi M, Behnia M, Karkhaneh R, Farahvash MS, Faghihi H, Tabatabaee A, **Riazi M**, et al. Intravitreal Triamcinolone Acetonide in Chronic Refractory Uveitis. *Bina* 2007; 12 (2): 141-150
6. Tabatabaei A, Khodami N, Javadian A, Chams H, Faghihi H, Karkhaneh R, Mirshahi A, **Riazi Esfahani M**. et al. Comparison of Vitrectomy with and without Internal Limiting Membrane Peeling for Full Thickness Macular Hole. *Iranian Journal of Ophthalmology*; 2006; 18 (4): 68-75
7. Faghihi H, Manaviat M, **Riazi Esfahani M**, Tabatabaei A. Et al. Evaluation of the Effects of Vitrectomy on Refractory Diabetic Macular Edema. *Iranian Journal of Ophthalmology*; 2006; 18 (4): 27- 33
8. Farahvash MS, Mohammadzadeh SH, Movasat M, Mirshahi A, Moradimoghaddam M, Moghimi S, Karkhaneh R, Alami Z, Javadian A, Lashay AR, Tabatabaei A, **Riazi Esfahani M**. et al. Multifocal Electroretinography in the Evaluation of Eyes with BRVO. *Iranian Journal of Ophthalmology*; 2005; 18 (1): 91- 97
9. Tabatabaei A, Mirmohammad-Sadeghi A, Amouzadeh J, **Riazi Esfahani M**. Characteristics of Patients with Central Retinal Artery Occlusion in an Iranian Tertiary Eye Center; *Bina J Ophthalmol* 2005; 10 (3):276-281
10. Tabatabaei A, Mirmohammad-Sadeghi A, Amouzadeh J, **Riazi Esfahani M**. Dextrometorphan a new Treatment for Patients with Central Retinal Artery Occlusion; *Iranian Journal of Ophthalmology*; 2004; 17 (2): 13-18
11. **Riazi Esfahani M**, Moghimi S. Implantation of Aniridia Intraocular Lens for Traumatic Aniridia in Vitrectomized

Eyes; Iranian Journal of Ophthalmology; 2004; 17 (1): 13-18

12. Nili Ahmadabadi M, Piri N, Movasat M, Faghihi H, Karkhaneh R, Lashai AR, Javadian A, Mansouri MR, Tabatabaie A, Farahvash M, **Riazi Esfahani M**, Mirshahi A, Asghari H. Prophylactic Intraocular Gentamicin and Clindamycin in Prevention of Acute Post-traumatic Endophthalmitis; Iranian Journal of Ophthalmology; 2004; 17 (1): 5-12
13. Nili Ahmadabadi M, Lashai A, Karkhaneh R., Riazi Esfahani M. Scleral Buckling Without Retinopexy in Primary Retinal Detachment; Bina 2004; 9 (2): 149-54
14. **Riazi Esfahani M**, Hassan-Nataj M, Karkhaneh R, Evaluation of Early intraocular pressure changes after pars plana vitrectomy; Bina 2001; VI(III): 245-255.
15. **Riazi Esfahani M**, Lashay R, Ahmadzadeh A, the Result of Giant Retinal Tear surgery with PFCL & SO. Iranian Journal of Ophthalmology 2001; 12(3):47-53.
16. **Riazi Esfahani M**, Bathaie M, Karkhaneh R. Evaluation of Eye Trauma in the work place. Iranian Journal of Ophthalmology 1999; 11(3): 48-57.
17. **Riazi Esfahani M**, Karkhaneh R, Lashay A. A case report of Gentamicin Induced retinal toxicity. Bina 1999; 4(2): 70-77.
18. Tabatabaie A, Lashay A, **Riazi Esfahani M**, Ahmadzadeh A. Brief reports of retinal vasoproliferative tumors. Iranian Journal of Ophthalmology 2000; 12(1) 54-63.
19. Sadeghi A, **Riazi Esfahani**, Rezvani J. the Result of orbital Decompression in thyroid related Ophthalmopathy. Iranian Journal of Ophthalmology 1997; 10(3):24-31.
20. Sadeghi A, **Riazi Esfahani M**, A case report of orbital Ophthalmomyiasis. Iranian Journal of Ophthalmology 1997; 9(2):73-78.
21. Karkhaneh R, **Riazi Esfahani M**, Chams H. The Result of Pars plana vitrectomy in Behcet's Disease. Iranian Journal of Ophthalmology 1999; 11(3): 23-30.

22. Fahimi F, Hadidi E, and Riazi Esfahani M.
Pharmacokinetics of ophthalmic medications. Razi, 2002;
March.

Awards:

1. Best poster award, AAO meeting, Nov 2008
2. Best poster award, EVRS, Prague, Sep. 6-9, 2008
3. Best poster award, AAO meeting, Nov 2007
4. Best poster award, Iranian Annual Meeting of Ophthalmology, Dec. 2006
5. Honored as the 1st in the Iranian board of Ophthalmology
6. Ophthalmology Residency reception because of being among the top 1% of medical students in TUMS
7. Sabbatical granted by Tehran University of Medical Sciences, Dec. 2003- June 2004

Affiliations:

Iranian Medical Council Organization.

Iranian Society of Ophthalmology (ISO)

American Academy of Ophthalmology (AAO) 2003- Present

American Society of Retinal Specialists (ASRS) 2013- Present

Association for Research in Vision and Ophthalmology (ARVO) 2003-2004

European Vitreoretinal Society (EVRS) 2008 - 2009

References:

Available upon Request

WWW. Tums.ac.ir

WWW. Noorvision.com

www.evrs.org

www.aaopt.org

www.asrs.org