

Arezoo Miraftabi, MD

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Personal information

Date of Birth March 21th 1968

Place of Birth Tehran, Iran

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**Current academic position
(2009 – present)**

Assistant Professor of Ophthalmology

Department of Ophthalmology, Hazrat Rasoul Akram Hospital
Iran University of Medical Sciences, Tehran, Iran.

EDUCATION

Months 1982-1986

Zahra High School, Tehran, Iran

Oct 1986- June 1994

Doctorate of Medicine

Iran University of Medical Sciences, Tehran, Iran

Oct 1994-Sep1998

Residency of Ophthalmology

Department of Ophthalmology, Hazrat Rasoul Akram Hospital
Iran University of Medical Sciences, Tehran, Iran

Oct 2000-Oct 2001

Glaucoma Fellowship

Department of Ophthalmology, Hazrat Rasoul Akram Hospital
Iran University of Medical Sciences, Tehran, Iran

May 2003

International Council of Ophthalmology Certificate

2007 Jan –May 2008

Glaucoma Fellowship

Department of Ophthalmology, Labbafinejad Medical Center
Shahid Beheshti University of Medical Sciences, Tehran, Iran

Work experience

June 2014 – present

International Fellow

Glaucoma Division

Jules Stein Eye Institute, David Geffen School of Medicine
University of California at Los Angeles, USA

2009-2014

Director of Glaucoma Division

Department of Ophthalmology, Hazrat Rasoul Akram Hospital
Iran University Of Medical Sciences, Tehran, Iran

2001-2007

Director of Glaucoma Division

Milad Hospital, Tehran, Iran

2001-2007

Director of Glaucoma Division

Valiasr Eye Hospital, Tehran, Iran

2001- present

Private office, Tehran, Iran

Awards

1986

Senior school academic prize

June1993

MD first class honor

May 1993

First title in residency Admission exam

Sep 1997 Second title in National Iranian Board of Ophthalmology, Iran
University of Medical Sciences

Professional and scientific organization

2009 - present Educational & Research committees: Department of
Ophthalmology, Hazrat Rassoul Akram Hospital, Iran
University of Medical Sciences,

1997-present Iranian Ophthalmology Society

2003-present Iranian Glaucoma Society

1993 - present Iranian Medical council

2011 - present Reviewer of Journal of Ophthalmic and Vision Research,

2015- present Member of American Academy of ophthalmology

2014- present Member of Association of research and vision

Presentations

Oral

1. **Miraftebi A**, Rismanchian A, Nouri-Mahdavi K. Complications of glaucoma drainage shunts. XIth annual meeting of Iranian Ophthalmology Society. Tehran, Iran, November 2001.
2. Nouri-Mahdavi K, Shirvani MR, **Miraftebi A**. Bleb appearance and complications after initial trabeculectomy with large-area Mitomycin c application in low risk eyes. XIth Annual Meeting of Iranian Ophthalmologic Society, Tehran, Iran, November 2001.
3. **Miraftebi A**, Shamsavari G, Kazemi Safa F, Zarei R. Glutathione s-transferase M1 and T1 genetic polymorphism in primary open angle glaucoma. XXII Annual Meeting of the Iranian Society of Ophthalmology, Oct 2012.
4. The evaluation of oxidative stress markers in patients with glaucoma. **Miraftebi A**, Shamsavari G, Mohammadpour A. XXII Annual Meeting of the Iranian Society of Ophthalmology, Oct 2012.
5. **Miraftebi A**, Nilforoushan N, Nassiri N, Nouri-Mahdavi K
Selective laser trabeculoplasty in patients with pseudoexfoliative glaucoma vs. primary open-angle glaucoma: a one-year comparative study. XXV Annual Meeting of the Iranian Society of Ophthalmology, Dec 2015

Posters

1. **Miraftebi A**. Coinvestigator in Tehran center of ICEST (International Collaborative Exfoliation Syndrome Treatment study). (ICEST): study design, methods, and baseline data of enrolled patients. Invest Ophthalmol Vis Sci 2004;45: E-Abstract 2108. 2004 ARVO
2. **Miraftebi A**. Primary trabeculectomy with Mitomycin C in advanced glaucoma. The 2th World Glaucoma Congress. Singapore, July 18-21, 2007.

3. Pakravan M, **Miraftebi A**. Topical mitomycin versus subconjunctival 5-FU in management of bleb failure. 3th World Glaucoma Congress. July 2009, Boston, MA, USA.
4. Yazdani S, **Miraftebi A**, Pakravan M, Sedigh M, Yaseri M, MSc. Correlation between phenotype and genotype in primary congenital glaucoma. 3th World Glaucoma Congress, Boston, MA, USA, July 2009.
5. **Miraftebi A**, Shamsavari G, Mohammadpour A. The evaluation of oxidative stress markers in patients with glaucoma. XXII Annual Congress of the Iranian Society of Ophthalmology. Tehran, Iran, Oct 2012.
6. Shamsavari G, **Miraftebi A**, Kazemi F. Glutathione S-transferase M1 and T1 genetic polymorphism in Iranian angle closure glaucoma patients. 6th International Congress on Glaucoma Surgery, Glasgow, Scotland, ICGS 2012.
7. **Miraftebi A**, Hashemian SJ. Combined cataract extraction and trabeculotomy by the internal approach for coexisting cataract and open-angle glaucoma. 6th International Congress on Glaucoma Surgery, Glasgow, Scotland, ICGS 2012.
8. **Miraftebi A**, Shamsavari G, Mohammadpour A. The evaluation of oxidative stress markers in patients with glaucoma. 5th World Glaucoma Congress, Vancouver, Canada, July 2013.
9. **Miraftebi A**, Zarei R, Najafi M, Norouzi M, Mohammadpour A. Association between selenium levels in serum and aqueous and primary open angle glaucoma. 5th World Glaucoma Congress, Vancouver, Canada, July 2013.
10. **Miraftebi A**, Shamsavari G, Kazemi Safa F, Zarei R. Glutathione s-transferase M1 and T1 genetic polymorphism in primary open angle glaucoma. 5th World Glaucoma Congress, Vancouver, Canada, July 2013.
11. **Miraftebi A**; Amini N, Henry S, Law S, Colman AL, Caprioli J, Nouri-Mahdavi K Regional Intra-session variability of full and sublayer macular thickness with measurements with SD-OCT accepted for ARVO 2015
12. Amini N, Nowroozizadeh S, **Miraftebi A**, Lee J, Henry S, Chung N, Caprioli J, Nouri-Mahdavi K. Influence of the disc area on the anatomical relationship of the clinical disc margin and Bruch's membrane opening in normal subjects accepted for ARVO 2015
13. **Miraftebi A**, Nilforoushan N, Nassiri N, Nourimahdavi K. Selective laser trabeculoplasty in patients with pseudoexfoliative glaucoma vs. primary open-angle glaucoma: a one-year comparative study accepted as poster for 6th world glaucoma congress, Hong Kong
14. **Miraftebi A**, Nilforoushan N, Darghahi M, Yadegari M. Effect of subconjunctival bevasizumab in Ahmed valve surgery. accepted as poster for 12th EGS congress Czech republic 19-22 June 2016
- 15- Nouri-Mahdavi K, **Arezo Miraftebi**, Morales E, Fei Yu, Afifi A, Law SK, Anne L. Coleman, Caprioli J. Macular SD-OCT Outcome Measures: Comparison of Variability, Structure-Function Relationships, and Dynamic Range. accepted as poster for AGS 2016, 3-6 March, Florida
- 16- Nouri-Mahdavi K, **Miraftebi A**, Amini N, Henry S, Morales E, Yu F, Afifi A, Coleman AL, Caprioli J. Macular SD-OCT outcome measures in glaucoma: comparison of local structure-function relationships and dynamic range. Accepted for ARVO 2016, 1-5

May ,Seattle

Publications

1. Hashemi M, **Miraftebi A**, Parvaresh MM. Evaluation of prognostic factors in visual outcome of post traumatic endophthalmitis in Rasoul Akram Hospital, 1989-1997. *Bina J Ophthalmol* 2002;2:130-138.
2. **Miraftebi A**, Nouri-Mahdavi K. Argon Laser Peripheral Iridoplasty. *Bina J Ophthalmol* 2003;2:176-185.
3. Amimi A, Javadi M, Pakravan M, Karimian F, **Miraftebi A**, et al. Prevalence of Glaucoma among citizens older than 40 in Tehran, Iran in 2001-2002. *Bina J Ophthalmol* 2003;1:3-14.
4. Javadi MA, Rzaie A, Karimian F, Amini H, **Miraftebi A**, Baradaran Rafiei A, et al. Prevalence of cataract in Tehran. *Bina J Ophthalmol* 2004;4: 309-317.
5. Amini H, Javadi MA, Yazdani, Pakravan M, Karimian F, Rezaei A, Nouri-Mahdavi K, Zarei R, **Miraftebi A**, Baradaran Rafiee A, Eslami Y, Jabarvand M, Valaie N. The prevalence of glaucoma in Tehran. *Iran J Ophthalmic Res* 2007; 2 (2): 93-100. *Journal of ophthalmic & Vision Research*. 2007; 2 (2):93-100
6. Pakravan M, **Miraftebi A**, Yazdani S, Koohestani N, Yaseri M. Topical mitomycin versus subconjunctival 5-FU in management of bleb failure. *Journal of Ophthalmic & Vision Research*. 2011; 6 (2):78-86.
7. Mohammad P, **Miraftebi A**, Shahin Y, Koohestani N, Yaseri M. Topical mitomycin versus subconjunctival 5-FU in management of bleb failure. *Bina J Ophthalmol* 2011;17(1):16-25.
8. Hashemi M, **Miraftebi A**, Nilforoushan N, Ghasemi Falavarjani K, Pakdel F, Hatamkhani S. Comparison of the efficacy and tolerability of Xalatane® and Xalabiost in adults with open angle glaucoma or ocular hypertention:a two-center,randomized,crossover trial. *Iranian Journal of Ophthalmology* 2012;24(3):11-18.
9. Najafi M, Nouruzi Yeganeh M, **Miraftebi A**, Zarei R, Noormohammadi I. Selenium and selenoprotein P1 levels are related to primary open –angle glaucoma. *J Med Biochem* 2013; 32: 1–6.
10. Nilforoushan N, Parsamanesh M, Yu F, Nassiri N, **Miraftebi A**, Coleman AL. Effect of yellow –Tinted intraocular lens on standard automated perimetry and short wavelength automated perimetry in patients with glaucoma. *Middle East Afr J Ophthalmol* 2014 Jul;21(3):216-9.
11. **Miraftebi A**, Nilforoushan N, Wound Dehiscence and Tube Migration after Subconjunctival Bevacizumab Injection Adjunctive to Ahmed glaucoma valve. In press in *Journal of Ophthalmic and Vision Research* 2016
12. Kazemi Safa F, Shahsavari G, **Miraftebi A** .Is the GSTM1 Null Polymorphism a

- Risk Factor for Primary Angle-Closure Glaucoma among Iranian Population? *Acta Medica Iranica* 2015. 53(2):112-116.
13. Yazdani S, **Miraftebi A**, Pakravan M, Ghahari E, Tousi BK, Sedigh M, Yaseri M, Elahi E. *J Glaucoma*. 2016;25(1)33-8 .
 - 14- **Miraftebi A**, MD, Nilfroushan, Nassiri N, Nouri-Mahdavi K, Selective laser trabeculoplasty in patients with pseudoexfoliative glaucoma vs. primary open-angle glaucoma: A one-year comparative study. *International journal Of Ophthalmology*.2016 Mar;9 (3) 406-11
 15. Seyed javad Hashemian M.D, **Arezo Miraftebi M.D**, Mohammad Ebrahim Jafari MD. Combined cataract extraction and trabeculectomy by the internal approach for coexisting cataract and open-angle glaucoma. *Supplement Clinical and surgical ophthalmology* June 2015.48-52
- 16- Amini N, **Miraftebi A**, Henry S, Chung N, Nowroozizadeh S, Caprioli J, Nouri-Mahdavi K.
- "The Relationship of the Clinical Disc Margin and Bruch's Membrane Opening in Normal and Glaucoma Subjects. *Invest Ophthalmol Vis Sci*. 2016 Mar 1;57(3):1468-1475.

Lectures

1. **Miraftebi A**. Differential diagnosis and management of flat anterior chamber: Continuing Medical Education course on cataract, glaucoma and cornea. Iran University of Medical Science, June 2000.
2. **Miraftebi A**. Contact lens fitting in keratoconus: Continuous Medical Education course on cataract ,glaucoma and cornea. Iran University of Medical Science, June 2000.
3. **Miraftebi A**. Optic atrophy: Continuing Medical Education course on neuroophthalmology. Iran University of Medical science, June 2001
4. **Miraftebi A**. Laser application in glaucoma: Continuous Medical Education course on cataract, glaucoma, cornea. Farabi Eye Center, Tehran University of Medical Science, July 2001.
5. **Miraftebi A**. Scanning laser Ophthalmoscopy: Continuing Medical Education course on retina and vitreous. Iran University of Medical science, Oct 2001.
6. **Miraftebi A**. Diagnosis of congenital glaucoma and prevention of blindness in children: Iran University of Medical science, Oct 2001.
7. **Miraftebi A**. Artifact in perimetry and early visual field defects in glaucoma. Hazrat Rasoul Akram Hospital, Iran University of Medical Science, September 2004.
8. **Miraftebi A**. Low dose Mitomycin in primary glaucoma surgery. XIth annual meeting of Iranian Ophthalmologic Society, Nov 2004.
9. **Miraftebi A**. Combination therapy in Glaucoma. Hazrat Rasoul Akram Hospital ,Iran University of Medical Sciences, February 2005.

10. **Miraftebi A.** Approach to angle closure glaucoma. Farabi Eye Hospital. Tehran University of Medical science, June 2006.
11. **Miraftebi A.** HRT abilities in detection of early glaucoma. Markazi Eye Clinic, Nov 2006.
12. **Miraftebi A.** Compliance in glaucoma. New concepts of glaucoma and refractive surgery, Isfahan, March 2007.
13. **Miraftebi A.** Deep sclerectomy and viscocanalostomy: New concepts in diagnosis and treatment of glaucoma. Labbafinejad Medical Center, June 2007.
14. **Miraftebi A.** Approach to normal tension glaucoma. Farabi Eye Hospital, September 2007.
15. **Miraftebi A.** Glaucoma and pregnancy. Labbafinejad Medical Center. Nov 2007
16. **Miraftebi A.** Management of shunt complications 18 ophthalmology meeting of Iran, Nov 2008.
17. **Miraftebi A.** HRT as a new glaucoma diagnostic tests. 18th ophthalmology meeting of Iran, Nov 2008.
18. **Miraftebi A.** MMC drop versus 5-Fu injection in early bleb failure. 18th Ophthalmology meeting of Iran, Nov 2008.
19. **Miraftebi A.** Management of glaucoma after intraocular surgery. 18th ophthalmology congress of Iran, Nov 2008.
20. **Miraftebi A.** Laser in special cases of glaucoma. 4th annual seminar of the ophthalmic research center. Shahid Beheshti University. Feb 2009.
21. **Miraftebi A.** Pros and cons of fixed combined drug in glaucoma therapy. Iran University of Medical Sciences. Feb 2008.
22. **Miraftebi A.** Systemic drugs and IOP. Labbafinejad Medical Center. June 2009.
23. **Miraftebi A.** Controversy in glaucoma. Iran University of Medical Sciences June 2010.
24. **Miraftebi A.** Bleb complications. 19th Ophthalmology Congress of Iran. Nov 2009
25. **Miraftebi A.** Wound modulation in glaucoma surgery. 20th Ophthalmology Congress of Iran. Nov 2010
26. **Miraftebi A.** Controversy in glaucoma. Tehran University of Medical science. June 2011.
27. **Miraftebi A.** HRT. Continuing Medical Course of glaucoma, September 2011
28. **Miraftebi A.** Primary open-angle glaucoma. Continuing Medical Education course of glaucoma, September 2011.
29. **Miraftebi A.** Management of coexisting cataract and glaucoma. Combined Phacotrabeculectomy. XXI Annual Congress of the Iranian Society of Ophthalmology, Nov 2011.
30. **Miraftebi A.** Compliance, Glaucoma symposium, Jan 2012.
31. **Miraftebi A.** update on laser therapy in glaucoma: Advances and Innovations in Ophthalmology, 7th Annual Meeting of the Ophthalmic Research Center, Shahid Beheshti University, February 2012.
32. **Miraftebi A.** HRT in optic nerve evaluation symposium. Tehran University of Medical science, June 2012.
33. **Miraftebi A.** Combined cataract versus combined phacotrabeculectomy: Controversies symposium, Panel discussion. Tehran University of Medical sciences, July 2012

34. **Miraftebi A.** Normal tension glaucoma. Controversies symposium. Tehran University of Medical sciences, July 2012.
35. **Miraftebi A.** Acute angle-closure glaucoma. XXII Annual Meeting of the Iranian Society of Ophthalmology Oct 2012.
36. **Miraftebi A.** New procedure in glaucoma surgery. XXII Annual Meeting of the Iranian Society of Ophthalmology, Oct 2012.
37. Gholamreza S, **Miraftebi A**, Kazemi Safa F. Polymorphism of glutathione s-transferase M1 deletion genotype as risk factor of Iranian patients of angle closure glaucoma. XXII Annual Meeting of the Iranian Society of Ophthalmology, Oct 2012.
38. Shamsavari G, **Miraftebi A**, Mohammadpour A. Comparative study of the antioxidant enzymes activities in primary glaucoma patients and healthy subjects XXII Annual Congress of the Iranian Society of Ophthalmology Oct 2012.
39. **Miraftebi A.** Secondary angle-closure glaucoma: Continuing Medical Education on Glaucoma, Shahid Beheshti University of Medical Sciences, Tehran, Iran, Nov 2012.
40. **Miraftebi A.** 8th Annual Meeting of Advances and Innovations in Ophthalmology. Clinical assessment of glaucoma, slit lamp examination. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
41. **Miraftebi A.** Surgical approach to patient with glaucoma and cataract: Continuing Medical course on Glaucoma and Cataract. Farabi Eye Hospital, Tehran, June 2013.
42. **Miraftebi A.** Visual field progression: Continuing Medical Education on Glaucoma, Farabi Eye Hospital, Tehran University of Medical Sciences, Tehran, Aug 2013.
43. **Miraftebi A.** Optic nerve head exam tips on glaucoma detection and progression XXIII Annual Meeting of the Iranian Society of Ophthalmology Tehran, Oct 2013.
44. **Miraftebi A.** Role of imaging device in detecting glaucoma progression. XXIII Annual Meeting of the Iranian Society of Ophthalmology. Tehran, Oct 2013.
45. **Miraftebi A.** Role of OCT in diagnosis of glaucoma. Continuing Medical education in glaucoma .Shahid Beheshti University. NOV 2015.
46. **Miraftebi A.** Current position of MIGS in glaucoma management. Glaucoma subspeciality day. XXV Annual Meeting of the Iranian Society of Ophthalmology. Tehran, Dec 2015.
47. **Miraftebi A.** Combined phaco with new glaucoma procedures. XXV Annual Meeting of the Iranian Society of Ophthalmology. Tehran, Dec 2015.
48. **Miraftebi A.** Optic nerve biomechanics. 11th Annual seminar advances and innovations in ophthalmology. Tehran, February 2016.

Surgical Skills

Glaucoma Surgery

Trabeculectomy (with variation including extensive experience in use of antimetabolites and releasable sutures), Trabeculotomy, Goniotomy, Deep sclerectomy with collagen implant, glaucoma drainage implants (single plate Malteno, Ahmed, Baerveldt); All types of glaucoma laser surgery including ALT, SLT, Diode cyclophotocoagulation, Trabectome surgery, Canaloplasty

Trabectome training course completed in April 2014

Cataract surgery

Phacoemulsification, extensive experience with foldable intraocular lens, combined cataract and glaucoma surgery (including phaco-deep sclerectomy and phaco-glaucoma drainage shunts), extracapsular cataract extraction.

Keratorefractive surgery

LASIK, PRK, Phakic intraocular lens

Attended Ophthalmology Meetings

- 1-11th UAE international ophthalmic conference & exhibition,
2. First world glaucoma congress 2005 Vienna, Austria
3. 24 congress of European Society of Cataract and Refractive Surgery, London 9-13 Sep 2006
4. 2th world glaucoma congress Singapore, July 18-21,2007
- 5-8th Congress of the European Glaucoma Society Berlin, June 1st- 6th, 2008
6. 27th congress of European Society of Cataract and Refractive Surgery, Barcelona,12-16 Sep 2009
7. 4th world glaucoma congress 2011 Paris, France, June 29-July 2, 2011
8. 5th world glaucoma congress 2013 Vancouver July 17-20
9. 11thEuropean Glaucoma Society Nice, France-7-11 June 2014
- 10-American Academy of Ophthalmology meeting, Chicago 18-21 Oct 2014
- 11-American glaucoma society 25 Annual meeting,Coronado February 26-March 1 2015
- 12- 6th World glaucoma congress 2015 ,Hong Kong,China June 6-9 2015