

## Resumé

---

# Sasan Moghimi

---

Birth: 1974  
Married  
1 daughter

No. 22, 5th Golestan ,  
Velnjak ,Tehran , Iran

Phone : 0098021 22410361  
E-mail [sasanimii@yahoo.com](mailto:sasanimii@yahoo.com)

### Education

2010-2011	Jules Stein Eye Institute, UCLA Glaucoma Fellowship
2000 –2004	Farabi Eye Hospital of Tehran , Iran student in general ophthalmology
1992 –2000	Tehran University of Medical Science (TUMS) medical student
1988–1992	Allame helli (especial talents –NODET) high school student in natural science course

### Professional Activities

2010	Farabi Eye Hospital of Tehran , Iran Associate professor of ophthalmology Glaucoma Servie
2005-2009	Farabi Eye Hospital of Tehran , Iran Assistant professor of ophthalmology Glaucoma Servie

### Ranks/Rewards

*1<sup>st</sup> rank reward for poster presentation in XV congress of the Iranian Society of Ophthalmology. (Axial length and anterior chamber depth evaluation in central retinal vein occlusion using IOL Master.)(2005)*

*Rewarded as best article in 19<sup>th</sup> Congress of Iranian Society of Ophthalmology. (Surgical Outcomes of Intravitreal Bevacizumab and Guarded Filtration Surgery in Neovascular Glaucoma.) 2009*

*1<sup>st</sup> rank in 51<sup>st</sup> board examination in ophthalmology(2004)*

*1<sup>st</sup> rank in 23<sup>rd</sup> preboard examination in ophthalmology(2004)*

*1<sup>st</sup> rank in 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> years of all-over-the-country residency grading exam*

*1<sup>st</sup> rank in all-over-the-country residency entrance exam (2000)*

*2<sup>nd</sup> rank in preinternship exam (1998) all over the country*

*2<sup>nd</sup> rank in basic science exam (1994) in TUMS*

*3<sup>rd</sup> rank in all-over-the-country examination for university entrance( 1992)*

## Summary of Qualifications

Board certification in general ophthalmology from TUMS-2004

Passing the basic science assessment of International Council of Ophthalmology (ICO) - 2002

Passing (with merit) the clinical science assessment of International Council of Ophthalmology (ICO) -2003

Doctoral of medicine from TUMS -2000

Natural science diploma from National Organization for Development of Especial Talents (NODET)-1992

Passing 1<sup>st</sup> stage of national Chemistry Olympiad – 1991

Passing 1<sup>st</sup> stage of national Physics Olympiad – 1991

Passing 1<sup>st</sup> stage of national Mathematics Olympiad – 1990

## Research Activities

Grants from TUMS for research:

- Angle closure glaucoma-209
  - a) Anterior segment imaging in different subtypes of ACG
  - b) Role of cataract extraction
  - c) Natural history of ACG
- Role of avastin in prevention of corneal vascularization in mice-2006
- The efficacy of fibrin glue in corneal perforations-2006
- Comparison of different doses of SXC and topical avastin in corneal vascularization-2008
- Xalatan and CME in pseudophakic glaucoma-2007

Member of Quality Control (QC) group in Students' Scientific Research center (SSRC)-1996

Member of Genetics group in Students' Scientific Research center (SSRC)-1996

Attending scientific writing workshop (TUMS)-2001

Attending research methodology workshop (TUMS)-2003

Precipitating in Tehran Eye Survey (2001)

## Papers

- International Journals:
  1. Siatiri H\*, Beheshtnezhad AH , Asghari H, Siatiri N, Moghimi S, Piri N. Intracameral tissue plasminogen activator to prevent severe fibrinous effusion after congenital cataract surgery. *Br J Ophthalmol*. 2005 Nov;89(11):1458-61.
  2. Siatiri H, S Moghimi\*. Posterior polar cataract: minimizing risk of posterior capsule rupture. *Eye* 2006 Jul;20(7):814-6.
  3. Hashemian MN, Moghimi S\*, Aghsaie Fard M, Fallah MR, Mansouri MR. Corneal endothelial cell density and morphology in normal Iranian eyes. *BMC Ophthalmol*. 2006 Mar 6;6(1):9
  4. A Mirshahi , S Moghimi\* .Central retinal vein occlusion : Role of axial length. *Asian J Ophthalmol* 2005;7(4):149-151.
  5. R. Zarei, R. Azimi, S. Moghimi\*, Inhibition of intraocular fibrin formation

following infusion of low-molecular-weight heparin during combined phacoemulsification-trabeculectomy surgery. *Journal of Cataract and Refractive Surgery* 2006; 32: 1907-12

6. S. Moghimi\*, A. Mirshahi, A. Lasheie, AH Beheshtnejad. Biometric indices evaluation in central retinal vein occlusion using partial coherence laser interferometry. *Eur J Ophthalmol.* 2007 May-Jun;17(3):383-7.
7. S Moghimi\*, H Siatiri. Correspondence for: Posterior polar cataract: minimizing risk of posterior capsule rupture. *Eye* doi:10.1038/sj.eye.6702685
8. MR Mansouri, SF Mohammadi\*, E Hatef, H Rahbari, MS Khazanedari, P Zandi, S Moghimi, N Piri, AR Fahim. Charshanbe-Soori Fireworks related eye injuries, A case series of 435 injured. *Ophthalmic Epidemiology* 2007 14:17-24
9. S Moghimi\* M, Riazi Esfahani. Visual function after implantation of aniridia intraocular lens for traumatic aniridia in vitrectomized eye. *Eur J Ophthalmol* 2007; 17: 660-5
10. Moghimi S, Najmi Z, Faghihi H, et al. Hyperhomocysteinemia and central retinal vein occlusion in Iranian population. *Int Ophthalmol.* . 2008 FEB;28(1):23-8
11. MA Zare, MT Rajabi\*, SJ Oskouee, M Nili, S Moghimi. Visual outcome after phacoemulsification with intraocular lens implantation in patients with anterior lenticonus due to Alport syndrome. *J Cataract Refract Surg.* 2007 Jun;33(6):1127-30.
12. H Amini, A Khodabadeh, S Moghimi\*. Intraobserver reproducibility of retinal nerve fiber layer measurements using scanning laser polarimetry with variable corneal compensation in glaucoma suspect patients. *Asian J Ophthalmol.* 2007;9:171-4
13. Ali Abdollahi, Sasan Moghimi, Abdolreza Tabasi, Mohammad Taher Rajabi, Baharak Sabet. Medical student Neuropathy and retinopathy in diabetes: Is there an association? *Int J Ophthalmol* 2007 ;7(5):1508-12
14. MN Hashemian, S Moghimi\*, F Rahimi, Z Najmi. Early Phototherapeutic Keratotomy in Recurrent Corneal Erosion. *Int J Ophthalmol* 2007 ;7(5):1229-32
15. Hasan Hashemi, Reza Ghaffari, Masood Mohammadi, Sasan Moghimi, \* Mohammad Miraftaab Microbial Keratitis After INTACS Implantation With Loose Suture. *J refractive Surg* 2008 MAY;24(5):551-2
16. MR. Fallah, MR. Golabdar J. Amozadeh, MA. Zare, S. Moghimi\*. Transplantation of limbal stem cell autograft and amniotic membrane versus mitomycin C and amniotic membrane in treatment of recurrent pterygium. *Eye*; 2008 22(3):420-4. 8

17. MS Farahvash\*, M Moradimoghaddam, Sasan Moghimi, S Mohammadzadeh. Dalteparin in the management of recent onset central retinal vein occlusion: a comparison with acetylsalicylic acid. *Canadian Journal of ophthalmology*. 2008 Feb; 43(1):79-83
18. Y Eslami, S Aghaarkh, G Fakhraii\*, H Amini, S Moghimi. Comparison of sutureless trabeculectomy and conventional trabeculectomy. *Int Ophthalmol*. 2008 Jun 11. [Epub ahead of print]
19. M Maghsoudipour\*, S Moghimi, F Dehghaan, A Rahimpanah. Association of Occupational and Non-occupational Risk Factors with the Prevalence of Work Related Carpal Tunnel Syndrome. *J Occup Rehabil* 2008 18:152-156
20. M Riazi, S Moghimi\*, Z Najmi, R Ghaffari. Secondary Artisan-Verysise intraocular lens implantation for aphakic correction in post traumatic vitrectomized eye, *Eye*. Aug 29. [Epub ahead of print]
21. Tabatabaee SA, Soleimani M\*, Mohebbi M, Moghimi S. Intralenticular foreign body: a case report. *Int J Ophthalmol(Guoji Yanke Zazhi)*; 2008 8(6):1108-1109
22. H Siatiri, Sasan Moghimi\*, E Pourabdollah, N Siatiri. The efficacy of fibrin glue in corneal perforations. *Cornea* 2008 Oct; 27(9):988-91.
23. S Moghimi, S Kiumehr, J Amoozadeh\*, G Fakhraie. Comparison of laser interferometry and ultrasound A-scan in measurement of axial length in asteroid hyalosis. *Iranian Journal of Ophthalmology*; 2009 21(1):29-34
24. S. A. Tabatabaai, S. A. Rasoolnejad, S. Moghimi, H. Faghihi, A. Mirshahi. Radial optic neurotomy for treatment of central retinal vein occlusion. *Acta Medica Iranica*; 46(5): 373-378.
25. AR Lasheie, A Mirshahi, M AghaieFard\*, MS Farahvash, S Moghimi, AR Dehpour, H Faghihi. Aqueous humor nitric oxide in patients with retinal vein occlusion. *Iranian Journal of ophthalmology*. 2006; 19: 29-33
26. Y Eslami, A Akrami, G Fakhraii\*, M Jabarvand, H Amini, MT Rajabi, S Moghimi. Effect of cataract extraction on IOP in chronic angle closure glaucoma. *Iranian Journal of ophthalmology*. 2006; 19: 6-9
27. MS Farahvash\*, Sh Mohammadzadeh, M Movasat, A Mirshahi, M Moradimoghaddam, S Moghimi, R Karkhaneh. Multifocal ERG in the evaluation of eyes with branch retinal vein occlusion. *Acta Medica Iranica*. 2008 45: 209-214
28. AH BeheshtNejad, R Ghaffari, Sasan Moghimi\*, M Jabbarvand, A Hajilaari, MA Zare, A Bashiri. Retinal Nerve Fiber layer thickness and physiological central corneal thickness in healthy myopic eyes. *Iranian Journal of Ophthalmology*; 2009 21(2):19-24
29. MN Hashemian, S Moghimi\*, S Kiumehr, M Riazi, F Asadi Amoli. Prevention

and treatment of corneal neovascularization: Comparison of different doses of subconjunctival bevacizumab with corticosteroid in experimental rat. *Ophthalmic Res*;2009 42:90–95

30. R Zareii, M Soleimani, S Moghimi\*, Y Eslami, G Fakhraie and H Amini . Relationship between GDx VCC and Stratus OCT in juvenile glaucoma. : *Eye advance online publication, 20 February*; doi:10.1038/eye.2009.15
31. MN Hashemian, M Soleimani, Sasan Moghimi\*, F Rahimi, MY Kiarudi. Traumatic Corneal Flap Dislocation Four Years after LASIK. *Iranian Journal of Ophthalmology*;2009 21(2):58-61
32. AE Soltani, M Ganji, M Goodarzi, Sasan Moghimi.\* Cooling tetracaine to reduce pain of instillation before surgery. *Eye advance online publication, 17 April*; doi:10.1038/eye.2009.
33. H Amini, Sasan Moghimi\*, Me Golestani, M Jabbarvand, R Zarei, Prevalence of Calibration Errors in Goldmann Applanation Tonometers. *J Ophthalmic Vis Res*; 4 (3): 147-150.
34. Tabatabaee Z, Mazloumi M, Rajabi MT, Khalilzadeh O, Kassae A, Moghimi S, Eftekhari H, Goldberg RA. Comparison of the exposure rate of wrapped hydroxyapatite (bio-eye) versus unwrapped porous polyethylene (medpor) orbital implants in enucleated patients. *Ophthalm Plast Reconstr Surg*. 2011 Mar-Apr;27(2):114-8.
35. S Moghimi,\* M Soleimani and R Soltani .UBM study in spontaneous bleb formation and blebitis after cataract surgery in Werner syndrome. *Eye advance online publication, 17 April*; doi:10.1038/eye.2009.61
36. Sasan Moghimi Mehdi Zandian, Yadollah Eslami, Heidar Amini Reza Zarei<sup>1</sup>, Ghasem Fakhraie . Topical Latanoprost Does Not Lead to Macular Thickening after Uncomplicated Cataract Surgery in Glaucoma Patients. Accepted by *Eye*
37. S Moghimi, H Sotude, K Sadeghnia. Retinal nerve fiber thickness reduces in sleep apnea syndrome. Submitted to *EJO*
38. Ghasem Fakhraie, L. Jay Katz, Arun Prasad, Yadollah Eslami, Siamak Sabour, Reza Zarei, and Sasan Moghimi\*. Surgical Outcomes of Intravitreal Bevacizumab and Guarded Filtration Surgery in Neovascular Glaucoma. *J Glaucoma*. DOI:10.1097/JG.0b013e3181aae928
39. R Zareii, M Soleimani, S Moghimi\*, Relationship between the GDx VCC and Stratus OCT in Primary Open Angle Glaucoma.2009; 21(4):55-62
40. Hashemian MN, Z-Mehrjardi H, Moghimi S\*, Tahvildari M, Mojazi-Amiri H. Prevention of Corneal Neovascularization: Comparison of Different Doses of Subconjunctival Bevacizumab with Its Topical Form in Experimental Rats. *Ophthalmic Res*. 2011 Jan 6;46(1):50-54. [Epub ahead of print]
41. Zandian M, Moghimi S\*, Fallah M, Crandall A. Ab externo iris fixation of posterior chamber intraocular lens through small incision. *J Cataract Refract Surg*. 2010 Dec;36(12):2032-4.

## Presentations

- Iranian Journals:
  
- 42. MN Hashemian\*, F Rahimi , S Moghimi. Pressure induced stromal keratitis (PISK) and transient myopia following LASIK. *Iranian Journal of Ophthalmology.2004;3:54-6*
  
- 43. MN Hashemian, S Niknaam\* ,S Moghimi . Phakic IOL's. *Iranian Journal of Ophthalmology.2004;3: 79-95*
  
  
- 1. S Moghimi, G Latifi. Effect of cataract surgery on filtered angle closure glaucoma patients.
  - Accepted for oral presentation ASCRS 2011
- 2. Correlation of RNFL loss measured by GDx with visual field in AION
  - World Glaucoma Congress Boston 2009
- 3. Shunting surgery augmented by amniotic membrane for refractive glaucoma
  - World Glaucoma Congress Boston 2009
- 4. R. Zarei, R. Azimi, S. Moghimi\*, Inhibition of intraocular fibrin formation following infusion of low-molecular-weight heparin during combined phacoemulsification-trabeculectomy surgery.
  - Electronic Poster Presentations ESCRS London 2006
  
- 5. M Riazi Esfahani ,S Moghimi, M Maghsoudipour . Implantation of aniridia intraocular lens for traumatic aniridia in vitrectomized eye.
  - Electronic Poster Presentations ESCRS London 2006
  - Presented as a poster in *XIII* congress of the Iranian Society of Ophthalmology
  
- 6. H. Siatiri , E. Pourabdollah , S. Moghimi , F. Rahimi . Fibrin glue (Tissucol) to seal corneal perforations less than 3 mm diameter.
  - Electronic Poster Presentations ESCRS London 2006
  
- 7. M.T. Rajabi, A. Sadeghi Tari, M.A. Zare, S. Moghimi. A reappraisal of the capsulorhexis: Tearing angle in capsulorhexis.
  - Electronic Poster Presentations ESCRS Lisbon 2005

8. S Moghimi A, Mirshahi, Lashay AR. Axial length and anterior chamber depth evaluation in central retinal vein occlusion using IOL Master.
  - Accepted as the first rank poster in *XV* congress of the Iranian Society of Ophthalmology
9. S Moghimi , A Mirshahi , MS Farahvash, M Moradimoghaddam. Central retinal vein occlusion: Role of hyperhomocysteinemia.
  - Presented as a poster in *XV* congress of the Iranian Society of Ophthalmology
10. MS Farahvash , S Moghimi , Z Alami Harandi, R Karkhaneh. Dalteparin versus aspirin in recent- onset central retinal vein occlusion.
  - Presented orally in Canadian ophthalmologist society (COS)-Vancouver-2004
  - Presented orally in *XIII* congress of the Iranian Society of Ophthalmology
11. A Mirshahi , S Moghimi .Central retinal vein occlusion : Role of axial length.
  - Presented as a poster in *XIV* congress of the Iranian Society of Ophthalmology
  - Presented as a poster in Canadian ophthalmologist society (COS)-Vancouver-2005
12. H Siatiri, S Moghimi. Posterior polar cataract: minimizing risk of posterior capsule rupture.
  - Presented as a poster in *XV* congress of the Iranian Society of Ophthalmology
13. S Moghimi, M Riazi Esfahani . Asymmetric diabetic retinopathy.
  - Presented as a poster in *XVI* congress of the Iranian Society of Ophthalmology

**Oral presentations:**

1. Transient visual loss. Farabi hospital weekly conferences. 2005

2. Pseudopapilledema. Farabi hospital weekly conferences. 2006
3. Optic nerve imaging (HRT). Farabi hospital weekly conferences. 2006
4. Pseudoexfoliation syndrome. Iranian society of ophthalmology training course. 2006
5. Carbonic anhydrase inhibitors. Iranian society of ophthalmology training course. 2006
6. A2 Agonist Iranian society of ophthalmology training course..2009
7. IFIS. Farabi hospital weekly conferences. 2006
8. Glaucomatous visual field defect. XVI congress of the Iranian Society of Ophthalmology.2006
9. FU perimetry. Iranian society of ophthalmology training course.2009
10. Cataract Surgery in ACG. Annual symposium of Farabi, 2008
11. Major Studies in Glaucoma. . Farabi hospital weekly conferences. 2007
12. New surgical techniques in glaucoma. . Iranian society of ophthalmology training course.2009
13. Complications of trabeculectomy. Annual symposium of Shahid beheshti University 2009
14. OCT. Annual symposium of Shahid beheshti University 2009
15. GDx Annual symposium of Esfahan University, 2007
16. FDT. Farabi hospital weekly conferences.2008
17. Strategies in perimetry. Iranian society of ophthalmology training course.2009
18. perimetry Workshop. 17<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup> Congress of the Iranian Society of Ophthalmology.2009
19. ON evaluation. Iranian society of ophthalmology training course.2009
20. Different imaging of ON. 19<sup>th</sup> congress of the Iranian Society of Ophthalmology.2009
21. Update on ACG. Farabi hospital weekly conferences.2009
22. ECP, basics 19<sup>th</sup> congress of the Iranian Society of Ophthalmology.2009
23. Trabectome. 19<sup>th</sup> congress of the Iranian Society of Ophthalmology.2009
24. Angle assessment in glaucoma. 19<sup>th</sup> congress of the Iranian Society of Ophthalmology.2009

25. NTG. 19<sup>th</sup> congress of the Iranian Society of Ophthalmology.2009
26. Quality of Life in Glaucoma. Seminar on quality of vision in eye Disorders. Farabi hospital weekly conferences.2009
27. UBM in Glaucoma. Farabi hospital weekly conferences.2008
28. Visante in Glaucoma. Farabi hospital weekly conferences. 2009
29. Tube shunts complications. JSEI. Journal club. 2011

**Computing skills**      *Software:      Word , PowerPoint , SPSS , MS Publisher , Photoshop , Excel.*

**Books and publications**      The Last (published by Mir publisher )  
Gene Therapy(a handbook for physicians )(translated & under published)

**Surgical Experience:**

1. Trabeculectomy/ combined: More than 500 operations
2. Shunt procedures: More than 50 operations
3. Deep sclerectomy and Visco canaloplasty : More than 20 operations
4. Trabeculotomy and Goniotomy : More than 20 operations
5. Phacoemulsification: more than 4000 operations
6. Trabectome: More than 20 operations
7. ECP, combined phaco ECP: More than 50 operations
8. CPC

**Languages**      English , Persian

**Interests**      Glaucoma imaging, Angle closure glaucoma, neuro-ophthalmology,