

In The Name Of GOD

Curriculum Vitae

Ali Azimi, M.D.



Place of birth: Iran

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Address: Poostchi ophthalmology Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.

CURRENT POSITION

❖ Assistant professor of Ophthalmology, Shiraz University of Medical Sciences, Shiraz, Iran

EDUCATION

- 02/2020-August 2021 Glaucoma fellowship
Tehran university of medical Sciences (Farabi Eye Hospital)
Department of Ophthalmology
Tehran, Iran
- 06/2019 International Council of Ophthalmology (ICO) certification
- 08/2016 Iranian Board Certification in Ophthalmology and Ophthalmic surgery
Shiraz University of Medical Sciences
- 9/2012 - 8/2016 Ophthalmology Residency (chief resident of ophthalmology department 2014-2015)
Shiraz University of Medical sciences
Shiraz, Iran
- Thesis: "Evaluation of serum interferons in patients with age-related macular degeneration"
Supervisor: Mehrdad Afarid, M.D.
 - GPA: (19.65 on a 20 scale)
- 9/2005 - 9/2012 Medical Diploma
Shiraz University of Medical sciences
Shiraz, Iran
- Thesis: "The Accuracy of Sentinel Lymph Node Biopsy Compared with Axillary Lymph Node Dissection in Breast Cancer" Supervisors: Abdolrasoul Talei, M.D.
 - GPA: (19.8 on a 20 scale)

CLINICAL AND WORK EXPERIENCES

08/2018 - 02/2020 Assistant Professor of Ophthalmology
Shiraz university of medical sciences, Shiraz, Iran.

Clinical Roles:

- Visiting patients in the emergency eye care center
- Supervising residents for ocular trauma surgeries
- Visiting glaucoma patient in the clinic
- Performing trauma eye surgeries, glaucoma and cataract surgeries

HONORS AND AWARDS

- 6/2019 • International Council of Ophthalmology (ICO) certification
- Since 6/2016 • Iran's National Elites Foundation (INEF) member
- 9/2012 • Graduated as 1st rank medical student (Shiraz University of Medical Sciences)
- 9/2012 • National Medical Students' Olympiad team member, Tehran, Iran
- 9/2011 • 4th rank in clinical branch of National Medical Students' Olympiad, Tehran, Iran
- 3/2010 • 3rd rank in National Comprehensive Exam for medical students
- 3/2007 • 1st rank in National Basic Science Exam for medical students

Thesis with medical students

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|--------|---|---------------------|
| ❖ 2018 | Evaluating of optic nerve head in patient with acute AION using OCT angiography and ONH-OCT | Dr. Ali B |
| ❖ 2019 | The survey on the epidemiological characteristics of open globe injuries in pediatric patients who referred to Khalili hospital between 1393-1397 | Dr. Fardad A |
| ❖ 2019 | Evaluation of the effect of phacoemulsification and visco-goniosynechialysis (PHACO-VGS) on peripapillary vasculature using OCT-angiography in patients with angle closure glaucoma referred to ophthalmology clinics affiliated to shiraz university of medical sciences in 1398 | Dr. Haniye J |
| ❖ 2019 | Evaluating the effect of mixed solution of povidine-iodine 10% and levofloxacin on the number of aqueous culture colonies during cataract surgery in khalili and dastghaib hospital in 1398 | Dr. Mohammad Reza J |
| ❖ 2022 | Evaluation of the effect of adlay seed extract on the expression of genes involved in neuroprotection in blepharoplasty derived adipocyte stem cells | Dr. Hamid reza H |

- Evaluation of the thickness of macular inner layers and peripapillary retinal nerve fiber layer and minimum rim width in patients with unilateral pseudoexfoliation syndrome compared with the control group.
- ❖ 2022 Dr. Pardis B
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- ❖ 2023 Assessment of macular radiometric findings by OCT angiography in patients with pseudoexfoliation syndrome (without glaucoma) compared with the control group **Dr.Kramad H**
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- ❖ 2023 Evaluating the effect of phaco-viscocanalostomy surgery on the corneal biomechanical parameters and corneal aberrometry in patients with open angle glaucoma referred to Khalili hospital 1401-1402 **Dr.Sharafi Z**
-
- ❖ 2023 Comparison of corneal biomechanical parameters between primary open angle glaucoma and pseudoexfoliative glaucoma patients who referred to Poostchi and Motahhari clinics 1402-1403. **Dr.Nasiri F .**
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- ❖ 2023 Evaluating the effect of combined Phaco PCIOL Gonioscopy-Assisted Transluminal Trabeculotomy(GATT) surgery on corneal biomechanical parameters and corneal aberrometry in patients with open-angle glaucoma referred to Khalili hospital 1402. **Dr.Fathiyan A**
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- ❖ 2024 Comparison of the surgical outcome of prolene Gonioscopic-Assisted Transluminal Trabeculotomy (GATT) and Bent-Ab interno Needle Goniectomy (BANG) combined with cataract extraction in patients with mild to moderate pseudoexfoliation glaucoma referred to Khalili hospital between 1402-1403 **Dr.Khosravaniyan Z**
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- ❖ 2024 Comparison of scleral lake in those undergoing viscocanalostomy with and without subflap mattress suture using anterior segment OCT in patients with open angle glaucoma referred to khalili hospital between 1402-1403 **Dr.Mohamad reza A**
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- ❖ 2024 clinical efficacy of bevacizomab on the expression of genes involved in fibrogenesis in post shunt tube insertion surgery of glaucoma patients **Dr.Shekar forosh M**
-
- ❖ 2024 Assessment of refractive and accommodative changes after blepharoplasty surgery in patients who will be operated in Khalili and Shahid dastgheib hospital in shiraz 1402-1403 **Dr.Zahedi B**
-
- ❖ 2024 comparison of Ganglion Cell layer, Inner plexiform layer and macular RNFL for detection of early pseudoexfoliation glaucoma **Dr.Mohseniyan MH.**
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Supervisor Roles:

- Supervisor of thesis entitled: Evaluation of optic nerve head in patient with acute AION using OCT angiography and ONH-OCT.
- Supervisor of thesis entitled: Evaluation of the effect of phacoemulsification and visco-goniosynechialysis (PHACO-VGS) on peripapillary vasculature using OCT-angiography in patients with angle closure glaucoma referred to ophthalmology clinics affiliated to Shiraz University of Medical Sciences.
- Supervisor of thesis entitled: The survey on the epidemiological characteristics of open globe injuries in pediatric patients who referred to Khalili hospital between 2012- 2019.
- Supervisor of thesis entitled: Evaluating the effect of mixed solution of povidine-iodine 10% and levofloxacin on the number of aqueous culture colonies during cataract surgery.
- Supervisor of thesis entitled: The role of OCT angiography on optic nerve head reperfusion after viscocanalostomy.

Counselor Roles:

- Counselor for 4th year ophthalmology residents to be prepared for the board examination.
- Counselor of “electronic learning applications in ophthalmology program” for other attending physicians of ophthalmology department.
- Counselor of International Council of Ophthalmology (ICO) fellowship program in Shiraz University of Medical Sciences as a host training center.
- Counselor of international medical students as the “vice chancellor of international educational program of ophthalmology department”
- Counselor of “morning report program” for ophthalmology department of Shiraz University of Medical sciences.
- Courses of “ocular anatomy and physical examinations” for nursing M.Sc. students in Nemazee hospital, Shiraz, Iran. (Twice a year)
- Courses of “ocular anatomy and physical examinations” for midwifery M.Sc. students in Nemazee hospital, Shiraz, Iran. (Twice a year)
- Courses of “management of common ocular trauma” for health care personnel of Khalili hospital, Shiraz, Iran. (twice a year)
- Courses of “management of cataract surgery complications” for health care personnel and operating room staff of Khalili hospital, Shiraz, Iran. (twice a year)
- Course of “management of corneal ulcers” for health care personnel of Poostchi Eye Clinic. (annually)

Teaching Roles:

- Director of “Clinical Optics” Course for medical students in Shiraz Medical School and also international branch of Shiraz University of Medical sciences. (Monthly).
- Courses of “Interpretation of Glaucoma Imaging Techniques” for Ophthalmology residents in Ophthalmology department. (4 sessions in a year)

- Director of Glaucoma and Anterior segment journal club in Khalili Hospital, Shiraz, Iran. (Weekly)
- “Ophthalmic Semiology” Course for beginning medical students in Shiraz Medical School. (Twice a year)
- “Ocular anatomy and physical examinations” course for first year medical students in Shiraz Medical School (twice a year)
- Courses of “ocular anatomy and physical examinations” for nursing M.Sc. students in Nemazee hospital, Shiraz, Iran. (Twice a year)
- Courses of “ocular anatomy and physical examinations” for midwifery M.Sc. students in Nemazee hospital, Shiraz, Iran. (Twice a year)
- Courses of “management of common ocular trauma” for health care personnel of Khalili hospital, Shiraz, Iran. (twice a year)
- Courses of “management of cataract surgery complications” for health care personnel and operating room staff of Khalili hospital, Shiraz, Iran. (twice a year)
- Course of “management of corneal ulcers” for health care personnel of Poostchi Eye Clinic. (annually)

- 11/2017 - 08/2018 Ophthalmologist and Ophthalmic surgeon
 Shiraz University of Medical sciences, Motahhari clinic, Marvdasht, Iran
- Ophthalmology consultant covering both inpatient and outpatient services
 - Visiting the Emergency room patients of ophthalmology
 - Performing surgeries on patients with ocular trauma, cataract and glaucoma

VOLUNTEER EXPERIENCES

2016 - 2019 Ophthalmologist
 Fars province, Iran

- Visiting patients in rural area for no charge
- Screening for cataract and pterygium surgeries
- Performing surgeries at no charge to the patients

RESEARCH PROJECTS

2015 - 2018

Researcher
Poostchi Ophthalmology Research Center
Shiraz University of Medical Sciences, Shiraz, Iran.

- Evaluation of serum interferons in patients with age-related macular degeneration.

Patients with age-related macular degeneration were included in the project. According to their fluorescein angiography and OCT, they were divided into two groups, wet and dry type AMD. The interferon serum levels were compared between the two groups and the result was published in Journal of Research in Medical Sciences.

- Intralenticular Cilia Following Penetrating Ocular Trauma

I had a rare case of ocular trauma with intralenticular cilia; the case report was published in Iranian Journal of Medical Sciences.

- Evaluation of corneal biomechanical properties in mustard gas keratopathy.

The corneal biomechanical properties of patients suffering from mustard gas keratopathy was evaluated using CORVIS machine and the result was published in Saudi Journal of Ophthalmology.

- An analytical enrichment-based review of structural genetic studies on keratoconus

This project was a review on the structural genes involved in the pathogenesis of keratoconus. The result was published in Journal of Cellular Biochemistry.

- Intravitreal Injection of Bevacizumab: Review of our previous Experience.

One year follow up of patients suffering from different retinal disorders underwent bevacizumab injection was performed and the result was published in Iranian Journal of Pharmaceutical Research.

- Assessment the distance between retinal arteries and macula in patients with idiopathic macular hole compared with normal fellow eye.

In this project, patients with unilateral idiopathic macular hole were enrolled. The distance of the retinal arteries to macula were compared in the affected and non affected eyes to have a better concept about the pathophysiology of macular hole. The results is under review.

Peer-reviewed Publications

1. Sedaghat MR, **Azimi A**, Arasteh P, Tehranian N, Bamdad S. The Relationship between Anterior Chamber Depth, Axial Length and Intraocular Lens Power among Candidates for Cataract Surgery. *Electron Physician*. 2016;8(10):3127-31.
2. Afarid M, Sadegi Sarvestani A, Rahat F, **Azimi A**. Intravitreal Injection of Bevacizumab: Review of our previous Experience. *Iran J Pharm Res*. 2018;17(3):1093-8.
3. Rahimi M, **Azimi A**, Hosseinzadeh M. Intraocular Lens Calcification: Clinico-pathological Report of Two Cases and Literature Review. *J Ophthalmic Vis Res*. 2018;13(2):195-9.
4. Afarid M, **Azimi A**, Malekzadeh M. Evaluation of serum interferons in patients with age-related macular degeneration. *J Res Med Sci*. 2019;24:24.
5. Meshksar A, **Azimi A**. Intralenticular Cilia Following Penetrating Ocular Trauma: A Case Report. *Iran J Med Sci*. 2019;44(2):176-9.
6. Naderi M, Farsiani AR, Salouti R, Panahi Y, Zamani M, **Azimi A**, et al. Evaluation of corneal biomechanical properties in mustard gas keratopathy. *Saudi J Ophthalmol*. 2019;33(1):24-7.
7. Panahi Y, **Azimi A**, Naderi M, Jadidi K, Sahebkar A. An analytical enrichment-based review of structural genetic studies on keratoconus. *J Cell Biochem*. 2019;120(4):4748-56.
8. **Azimi A**, Shirvani M, Hosseini S, Bazojoo V, Masihpoor N, Mohaghegh S, et al. Acute bilateral granulomatous anterior uveitis as an extra-hepatic manifestation of hepatitis A virus (HAV) infection: a case report. *J Ophthalmic Inflamm Infect*. 2020;10(1):18.
9. Allahyari E, **Azimi A**, Zarei H, Bamdad S. Comparison of endotracheal intubation, laryngeal mask airway, and I-gel in children undergoing strabismus surgery. *J Res Med Sci*. 2021;26:9.
10. Talebnejad MR, **Azimi A**, Khalili MR, Meshksar A. The Role of Trace Elements in Pseudoexfoliation Syndrome: A Cross-sectional Study. *J Ophthalmic Vis Res*. 2021;16(2):165-70.
11. Nowroozzadeh MH, Moshksar S, **Azimi A**, Rasti A, Sedaghat A. Comparison of retinal vascular arcade trajectory between eyes with an idiopathic macular hole and the healthy fellow eye. *Int Ophthalmol*. 2022;42(7):2219-25.
12. Vahedian Z, Fakhraie G, Ghasemi M, **Azimi A**, Tabatabaei SM. The thickness of the outer retina in the macula and circumpapillary area in patients with unilateral advanced glaucoma. *Graefes Arch Clin Exp Ophthalmol*. 2022;260(12):3935-44.
13. **Azimi A**, Abdollahi F, Sadeghi E, Reza Farsiani A, Moshksar S, Nadi M. Epidemiological and Clinical Features of Pediatric Open Globe Injuries: A Report from Southern Iran. *J Ophthalmic Vis Res*. 2023;18(1):88-96.

14. Meshksar A, Razeghinejhad MR, **Azimi A**. Ab-interno Trabeculotomy Procedures: A Review. *J Curr Ophthalmol*. 2023;35(2):110-24.
15. Zarei R, **Azimi A**, Fakhraei G, Eslami Y, Naderan M, Nouri-Mahdavi K, et al. Combined phacoviscocanalostomy versus phacoemulsification alone in patients with coexisting cataract and mild-to-moderate open-angle glaucoma; a randomized-controlled trial. *Eye (Lond)*. 2023;37(7):1390-6.
16. Afarid M, **Azimi A**, Meshksar A, Sanie-Jahromi F. Interferons in vitreoretinal diseases; a review on their clinical application, and mechanism of action. *Int Ophthalmol*. 2024;44(1):223.
17. **Azimi A**, Bostanian P, Jalalpour MH, Hassanipour HR, Chhablani J, Sadeghi E. Evaluation of the Inner Macula Layers, Circumpapillary Retinal Nerve Fiber Layer, and Minimum Rim Width Thickness in Patients With Pseudoexfoliation Syndrome Without Glaucoma Compared With Controls. *J Glaucoma*. 2024;33(11):894-9.
18. Bamdad S, Attar A, Fallahzadeh M, Ebrahimi F, Faizabadi S, **Azimi A**. Does collagen cross linking have any effect on retinal circulation in patients with keratoconus? An optical coherence tomography angiography (OCTA) study. *BMC Ophthalmol*. 2024;24(1):201.
19. Salouti R, **Azimi A**, Meshksar A, Takapouy R, Ghoreyshi M, Salouti K, et al. Intraocular Pressure Before and After Corneal Refractive Surgery: A Prospective Comparison of Corvis ST and Ocular Response Analyzer. *J Glaucoma*. 2024;33(10):780-4.
20. **Azimi A**, Jafari MR, Namvar E, Masihpour N, Meshksar S. The effect of povidone-iodine 10% plus levofloxacin 0.5% before cataract surgery: a randomized clinical trial. *BMC Res Notes*. 2025;18(1):116.
21. **Azimi A**, Nazarpour Servak M, Nowroozzadeh MH, Razmi H, Fathian AM, Nasiri Shirazi F, et al. Comparing corneal biomechanical parameters between primary open-angle glaucoma and pseudoexfoliation glaucoma using corvis ST. *BMC Ophthalmol*. 2025;25(1):205.
22. **Azimi A**, Zia Z. How bad can vision get in beta-thalassemia? A case report and review of the literature. *BMC Ophthalmol*. 2025;25(1):189.

EDITORIAL EXPERIENCE

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| 2017 - 2018 | Electronic physician journal |
| 2018 | Chapter Editor; "Encyclopedia of Ophthalmology" Springer-Verlag GmbH Germany |
| 2012 | Editor of the booklet entitled "The History of Islamic and Iranian Culture And Civilization". Medical Ethics research Center, Shiraz University of Medical Sciences, Shiraz, Iran (Persian). |

RESEARCH INTERESTS

- Imaging techniques in glaucoma diagnosis
- Artificial intelligence and ophthalmology
- The role of OCT angiography in glaucoma
- Pseudoexfoliation pathophysiology
- Genetics and ophthalmology
- Congenital cataract
- Congenital glaucoma

PRESENTATIONS

- 1- The relationship between tear film osmolarity and dry eye symptoms in patients with type 2 diabetes; a comparison between the conventional methods of eye dry assessment and the TearLab system. Azimi A, Bamdad SH. 37th ESCRS Congress , Paris, France September 2019 (Poster)
- 2- "Intralenticular cilia following penetrating ocular trauma". Meshksar A ,Azimi A. 27th Annual Congress of the Iranian Society of Ophthalmology, Tehran,Iran November 2017 (Poster).
- 3- "Nutritional Deficiency and Pseudo exfoliation Syndrome. A cross sectional Study". Talebnezhad MR, Azimi A, Khalili MR, Meshksar A. 26th Annual Congress of the Iranian Society of Ophthalmology, Tehran, Iran November 2016 (Oral presenter).
- 4- Intravitreal Injection of Bevacizumab. Afraid M, Azimi A, Sadeghi A. 23th Annual Congress of the Iranian Society of Ophthalmology, Tehran, Iran November 2016 (Poster).
- 5- The Accuracy of Sentinel Lymph Node Biopsy Compared with Axillary Lymph Node

Dissection in Breast Cancer. Tahmasebi S, Azimi A, Talei A, Zakeri Z. 4th international congress of breast cancer, Tehran, Iran, November 2011(Oral presenter)

RESEARCH GRANTS

1.Evaluation of optic nerve head in patient with acute AION using OCT angiography and ONH-OCT. proposal No. 16365, 2017, Shiraz University of medical sciences.

2.Evaluation of the effect of phacoemulsification and visco-goniosynechialysis (PHACO-VGS) on peripapillary vasculature using OCT-angiography in patients with angle closure glaucoma referred to ophthalmology clinics affiliated to Shiraz University of Medical Sciences. Proposal No.20184 , 2019, Shiraz University of medical sciences.

3.The survey on the epidemiological characteristics of open globe injuries in pediatric patients who referred to Khalili hospital between 2012- 2019. Proposal No. 19367, 2019, Shiraz University of Medical Sciences.

4.Evaluating the effect of mixed solution of povidine-iodine 10% and levofloxacin on the number of aqueous culture colonies during cataract surgery. Proposal No. 20923, 2020, Shiraz University of Medical Sciences.

TEACHING EXPERIENCE

2017-2018 Invited Lecturer

- “The Role of OCT in Glaucoma” in 26th Annual Seminar on Ophthalmology of Shiraz University of Medical Sciences, Shiraz, Iran, May 2018 (speaker).
- “Management of Coexisting Cataract and Glaucoma” in 25th Annual Seminar on Ophthalmology (Glaucoma and Neuro-ophthalmology) of Shiraz University of Medical Sciences, Shiraz, Iran, May 2017 (speaker).
- “Glaucoma imaging interpretation” for educational nursing program 26th Annual Seminar on Ophthalmology of Shiraz University of Medical Sciences, Shiraz, Iran, May 2018 (panelist)

2016-2019 Instructor
Shiraz University of Medical Sciences, Shiraz Iran.

- Instructor of “ophthalmoscopy” workshop for medical students and first year residents of ophthalmology (monthly)
- Instructor of “eyelid suturing techniques” for Interns rotating in ophthalmology department (monthly)

- Instructor of “techniques of corneal suturing” for second years ophthalmology residents (annually)
- Instructor of “step-by step in phacoemulsification” for second years ophthalmology residents (annually)
- Instructor of “tele- medicine applications in ophthalmology” for other attending physicians of ophthalmology department.
- Instructor of “Log book” and “case-book” applications for ophthalmology residents and attending physicians of ophthalmology departments.

Membership

- Since 6/2019 • Member of International Council of Ophthalmology (ICO)
- Since 9/2016 • Member of Iranian Council of Ophthalmology
- Since 2016 • Member of Iran's National Elites Foundation (INEF)
- Since 2012 • Member of Iranian medical Council
- Since 2017 • Member of examination council for ophthalmology residency exams
- Since 2017 • Member of examination council for residency entrance exams

WORKSHOPS

- 11/2019 •“Electronic Learning in Medical Sciences” Fellowship Course, Virtual Medical School, Shiraz University of Medical Sciences.
- 9/2019 •“Research and Information Technology” Fellowship Course, Shiraz Medical School, Shiraz University of Medical Sciences.
- 10/2018 •“Artificial Intelligence and ophthalmology”. Shiraz University of medical Sciences.
- 11/2017 •“Electronic Learning in Medical Sciences” Fellowship Course, Virtual Medical School, Shiraz University of Medical Sciences.
- 11/2016 •“Botulinum toxin injection”. Iranian council of ophthalmology, Shiraz, Iran.
- 10/2013 •“The application of PCR in ophthalmology”, Shiraz Medical school, Shiraz university of medical Sciences.
- 09/2012 •“Resident as a Teacher” Course, Education Development Center, Shiraz University of Medical Sciences.
- 09/2012 •“Medical Ethics” Course, Medical Ethics Department, Shiraz University of Medical Sciences.

TECHNICAL SKILLS

- SPSS software application
- Camtasia software application
- I- spring software application

REFEREES

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