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Academic Affiliation

Department of Optometry, School of Rehabilitation,
Shahid Beheshti of Medical Sciences, Tehran, Iran.

About Me

I am interested in research in the field of ophthalmic Lenses and contact lenses.

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Department of Optometry



Publications

- Published Articles

1. Contact lens disinfecting solutions antibacterial efficacy: Comparison between clinical isolates and the standard ISO ATCC strains of *Pseudomonas aeruginosa* and *Staphylococcus aureus*. Mohammadinia M, **Rahmani S**, Eslami G, Ghasemi-Broumand M, Aghazadeh Amiri M, Aghaei Gh, Tabatabaee S M, et al. *Eye (Lond)*. 2012 Feb;26(2):327-30.
2. Mohammadinia M, **Rahmani S**, MR Nazari, Tabatabaee SM. A comparison of ultraviolet transmission through soft contact lenses available in Iranian market. *Qom Univ Med Sci J* 2014;8(1):48-53. [Full Text in Persian]
3. Mohammadreza Nazari, **Saeed Rahmani**, Bahram Khosravi, Seyyed Mehdi Tabatabaee. Comparative Evaluation of Ultraviolet and Visible Light Transmittance through Prescriptive Ophthalmic Minus Lenses. *Novelty in Biomedicine*. 2014;2(2):69-72.
4. Alireza Akbarzadeh-Bagheban, Haleh Kangari, Saeideh Hosseini, **Saeed Rahmani**. Lower tear meniscus in computer reading task with and without soft contact lens. *Journal of Paramedical Sciences*. 2014; 5(3)12-16.
5. **Rahmani S**, Mohammadinia M, Alireza Akbarzadeh-Bagheban, Nazari M R, Ghasemi-Broumand M. Spectral transmittance of UV-blocking soft contact lenses: A comparative study. *Contact Lens Anterior Eye*. 2014 Dec; 37(6) 451–454.
6. **Rahmani S**, Alireza Akbarzadeh-Bagheban, Mohammadreza Nazari, Ghasemi-Broumand M. Can UV-blocking Soft Contact Lenses meet ANSI Z80.20 Criteria for UV Transmittance?. *J Ophthalmic Vis Res* 2015;10:441-4.
7. Kangari H, Akbarzadeh-Bagheban A, Khomamizadeh A, Rahmani S. Comparison of an Italian Chart with an Iranian Chart in Visual Acuity Measurement. *Novel Biomed*. 2015;3(1):43-7
8. Kangari H, Abedini-Talemi A, Akbarzadeh-Bagheban A, **Rahmani S**. Comparison of Two Marketed Hydroxypropyl Methylcellulose (HPMC) Based Artificial Tear Drops in Young Patients with DES. *Novel Biomed*. 2015;3(4):193-9.
9. Rahmati M, **Rahmani S**, Akbarzadeh Bagheban AR, Fathollahzadeh F, Gharibnavaz P. Investigation of Relationship between Quality of Sleep and Mental Health of Rehabilitation Sciences students of Shahid Beheshti University of Medical Sciences 1391-92. *J Rehab Med*. 2015; 4(3): 147-155.

10. **Rahmani S**, Nia MM, Baghban AA, Nazari M, Ghassemi-Broumand M. Do UV-blocking Soft Contact Lenses Meet ANSI Z80.20 Criteria for UV Transmittance? *J Ophthalmic Vis Res*. 2015 Oct-Dec;10(4):441-4
11. **Rahmani S**, Akbarzadeh-Baghban A, Nazari M, Ghassemi-Broumand M. Comparative Evaluation of Spectral Transmittance of Some Welding Glasses with ANSI Z87.1. *Novel Biomed*. 2016;4(2):51-5.
12. **Rahmani S**, Baghban AA, Ghassemi-Broumand M, Nazari M. Can currently available safety eyewear protect welder's eyes from harmful rays? *J Ophthalmic Vis Res*. 2016;11:338-9.
13. Javadi, M.A., Feizi, S., Rahmani, S., Khajuee-Kermani, P. Refractive Stability After Deep Anterior Lamellar Keratoplasty for Keratoconus. *Cornea* 2018;37:1506–1510
14. Nikkhah H, Karimi S, Ahmadieh H, Azarmina M, Abrishami M, Ahoor H, et al. Intravitreal injection of antivascular endothelial growth factor agents for ocular vascular diseases: Clinical practice guideline. *J Ophthalmic Vis Res* 2018;13:158-69.
15. **Rahmani S**, Bagheri A, Karimian F, Javadi MA, Delfazayebaher S. Clinical Outcomes after Implantation of an Indigenous Version of Pintucci Keratoprosthesis. *Bina J Ophthalmol* 2016; 21(4): 397-401.
16. Katibeh M, Kalantarion M, Mariotti SP, Safi S, Shahraz S, Kallestrup P, **Rahmani S**, Mohammadi SF, Mahdavi A, Ahmadieh H. A stakeholder perspective on diabetes mellitus and diabetic retinopathy care in Iran; a qualitative study. *Arch Iran Med*. 2017; 20(5):288 – 294.
17. **Rahmani S**, Bagheri A, Karimian F, Javadi MA, Delfazayebaher S. Vision Rehabilitation with a Native Pintucci-Type Keratoprosthesis. *J Ophthalmic Vis Res* 2019; 14 (1): 101-104.
18. Rahmani, S., Kanavi, M.R., Javadi, M.A., Langroudi, M.M., Aski, S.A. Histopathologic evaluation of polymer supports for pintucci-type keratoprostheses: An animal study. *J Ophthalmic Vis Res* 2019; 14 (1): 101-104.
19. Rahmani, S., Beyramvand, A.F., Ali, S.H., Baghban, A.A., Kangari, H.. Investigation of visual acuity and residual refractive error after cataract surgery in patients with senile cataract by phacoemulsification. *SJKU*. 2020; 25 (3): 23-30.

20. Rahmani, S., Azizi, H., Akbarzadeh Baghban, A., Kangari, H., Ghassemi Broumand, M. Investigation of ocular changes in patients with thyroid disease. *Journal of Babol University of Medical Sciences*, 2020, 22(1), pp. 169–174.
21. An analysis of factors associated with graft topographic outcomes after deep anterior lamellar keratoplasty. Feizi, S., Najafi, M., Rahmani, S., Javadi, M.A. *Int Ophthalmol* (2020) 40:2449–2459.
22. Mousavi N, Rahmani S, Akbarzade baghban A, Khorrami nejhada M, Kangari H, Khosravi B. Evaluation of visual complications among professional computer users. *ioh*. 2020; 17 (1) :1-11.
23. Rahmani, S., Nazari, M., Baghban, A.A., Ghassemi-Broumand, M. How Much of Hazardous Blue Light is Transmitted by Spectacle Lenses? *Journal of Ophthalmic and Vision Research*. 2020, 15(3), pp. 435–437
24. Ahadi, M., Ebrahimi, A., Rahmani, S., Baghban, A.A. Prevalence of refractive errors and color vision deficiency in a population of industry-workers in Abhar, Iran. *Medicine*. 2021, 100(46), pp. e27758.
25. Rahmani, S., Baghban, A.A., Nazari, M., Ghassemi-Broumand, M. Evaluation of Sunglasses' Performance to Filter Harmful Short Wavelength Lights. *Iran Occupational Health*. 2022, 19(1), pp. 85–92.
26. Mosayebi, F., Tabatabaee, S.M., Kangari, H., Rahmani, S. Effect of changing mesopic and photopic light conditions on visual functions. *International Journal of Ophthalmology*. 2023, 16(8), pp. 1287–1292.

- Published Books

Health Survivors with Unilateral Blindness and their Health Care Providers. Ghassemi-Broumand M, Ghassemi H, Nazari M R, **Rahmani S**. 2009. JMERC. Tehran.Iran.

The Effects of Visible & Non visible Rays on Eye. Ghassemi-Broumand M, Ghassemi H, **Rahmani S**. et al. 2012. Teymorzade Publication. Tehran.Iran.

Ophthalmic Lenses. Ghassemi-Broumand M, Ghassemi H, Nazari M R, **Rahmani S**. et al. 2012.

Research Interests:

Vision Sciences

Contact lenses

Ophthalmic Lenses

University Teaching Experience

Clinical Instructor

1. Optometry
2. Contact lens

Congress, Conference, Seminar Presentations

- Comparative investigation of prescriptive ophthalmic parameters with ISO 8980-1. 19th congress of Ophthalmology. Poster. Nov 2009. Tehran- Iran.

- Investigation of Culture & Antibigram of Isolated Bacteria from Soft Contact Lenses Before & After disinfected by Contact Lens Solutions. 20th congress of Ophthalmology. Poster 29 Nov-2 Dec 2010. Tehran- Iran.

- Investigation for Frequency of Non Standard sunglasses presented by miscellaneous vendors in Tehran 1389. 21th congress of Ophthalmology. Poster.

14-17 Nov 2011. Tehran- Iran.

- Workshop speaker. Optical characteristics of Progressive lenses. 21th congress of Ophthalmology. 14-17 Nov 2011. Tehran- Iran.

- Oral presentation. UV transmission of some available contact lenses. 23th congress of Ophthalmology. 14-17 Nov 2011. Tehran- Iran.

Speaking in Congress:

Standard of Ophthalmic Lenses. 9th Iranian Congress of Optometry. Aug 2006. Tehran. Iran.
Standard of Ophthalmic Lenses. 6th Khorasan Congress of Optometry. May 2007. Mashhad. Iran.

Reasons for Using Sunglasses. 10th Iranian Congress of Optometry. March 2007. Tehran. Iran.

Standard of Sunglasses. 11th Iranian Congress of Optometry. Sep 2007. Tehran. Iran.

Effect of Harmful rays on the eye. 1st in Iran by Medical Council of March 2007. Tehran. Iran.

Effect of Harmful rays on the eye. 8th Khorasan Congress of Optometry. May 2009. Mashhad. Iran.

Technologies of Ophthalmic Lenses Production. 12th Iranian Congress of Optometry. Aug 2009. Tehran. Iran.

Comparative investigation of prescriptive ophthalmic parameters with ISO 8980-1. (Poster) 19th congress of Ophthalmology. Nov 2009. Tehran- Iran.

New Generation of Ophthalmic Lenses Coatings .9th Khorasan Congress of Optometry. Jun 2010. Mashhad. Iran.

Investigation of Culture & Antibioqram of Isolated Bacteria from Soft Contact Lenses Before & After disinfected by Contact Lens Solutions. (Poster). 4th congress of Clinical Microbiology. Aug 2010. Isfahan. Iran.

Investigation of Culture & Antibioqram of Isolated Bacteria from Soft Contact Lenses Before & After disinfected by Contact Lens Solutions (Poster). 20th congress of Ophthalmology. Poster. 29 Nov-2 Dec 2010. Tehran- Iran.

Absorptive lenses. Seminar of Research Center of Iran Medical University. Oct 2010. Tehran- Iran.

Therapeutic Contact Lenses. Seminar. Jondi shapor medical University. May 2011. Khozestan. Iran.

Optimal Correction of Refract Errors with Advanced Ophthalmic Lenses. 3rd Iranian optometry students. May 2011. Tehran. Iran.
Standard of Ophthalmic Lenses. 12th Iranain Congress of Optometry. Jun 2011. Tehran. Iran.
Silicon Hydrogel Contact Lenses. 5th Seminar of research center of Hazrate Rasool Hospital. Jun 2011. Tehran. Iran.
Optical Characteristics of Progressive Lenses. 11th Khorasan Congress of Optometry. Sep 2011. Mashhad. Iran.
Investigation for Frequency of Non Standard sunglasses presented by miscellaneous vendors in Tehran 1389. 21th congress of Ophthalmology. Poster. Nov 2011. Tehran- Iran.
Optical Characteristics of Progressive Lenses. 2nd Congress of Optometry. Sep 2012. Tehran. Iran.

Cooperation with Journals as Reviewer:

Scientific Journal of Rehabilitation Medicine.
Journal of Optometry