



Curriculum Vitae

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Department of Optometry,
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Objective:

Professor of Optometry

Educations:

MSc Optometry, University of Bradford, England, 1987

Ph.D., Optometry, University of Bradford, England, 1991

Post-Doctoral Fellowship, Optometry, University of Bradford, England, 1991

Thesis: Assessment of binocular vision by Visually Evoked Potential

Experiences:

Instructor: 1992- Now

Mashhad University of Medical Sciences

Courses: History of optometry and vision sciences, Optometry1, Optometry 2, Optometry 3, Geriatric Optometry, advanced Optometry, Rehabilitation of Optometry, Clinical Electrophysiology ,Advanced Rehabilitation in Optometry

Publications:(h- index: 17)

1. Sedaghat M, Momeni Moghaddam H, Heravian J, Ansari A, Shayanfar H, Moshirfar M. **Detection ability of corneal biomechanical parameters for early diagnosis of ectasia.** *Eye (Basingstoke).* 2023 Jun;37(8):1665-1672
2. Mahjoob M, Heravian Shandiz J, Anderson AJ. The effect of mental load on psychophysical and visual evoked potential visual acuity. *Ophthalmic and physiological optics.* 2022 May;42(3):586-93
3. Zarei-Ghanavati S, Monfared N, Heravian J, Momeni-Moghaddam H, Hemmatian Z, Wolffsohn JS. Randomized contralateral comparison of visual outcomes following implantation of two monofocal aspherical intraocular lenses after cataract surgery. *International Ophthalmology.* 2022 May;42(5):1563-71.
4. Shandiz JH, Jafarzadeh S, Fathi H, Foroughipour M, Karimpour M. Vestibulo ocular reflex in multiple sclerosis patients without any optic neuritis. *Journal of Optometry.* 2021 Jul 1;14(3):282-6.
5. Derakhshan A, Heravian J, Abdollahian M, Bamdad S. Long-term Outcomes of Collagen Crosslinking for Early Keratoconus. *J Ophthalmic Vis Res.* 2021 Apr 29;16(2):151-157. doi: 10.18502/jovr.v16i2.9077. PMID: 34055251; PMCID: PMC8126731.
6. Hassanzadeh S, Varmaghani M, Zarei-Ghanavati S, Heravian Shandiz J, Azimi Khorasani A. Global Prevalence of Meibomian Gland Dysfunction: A Systematic Review and Meta-Analysis. *Ocul Immunol Inflamm.* 2021 Jan 2;29(1):66-75. doi: 10.1080/09273948.2020.1755441. Epub 2020 Jun 26. PMID: 32589483.
7. Najjaran, M., Etezad Razavi, M., Heravian Shandiz, J., Tabesh, H., & Emadzadeh, A. (2021). Attitudes of ophthalmology and pediatrics residents toward professionalism. *Future of Medical Education Journal*, 11(4), 9-14.
8. Darvishi, A., Rad, D. S., Atigh, S. B. Q., Hamidi, A., Shandiz, J. H., & Baghini, A. S. (2021). The relation between the severity of reading disorder and visual functions among children with dyslexia.
9. Shandiz, J. H., Jafarzadeh, S., Fathi, H., Foroughipour, M., & Karimpour, M. (2021). Vestibulo ocular reflex in multiple sclerosis

- patients without any optic neuritis. *Journal of Optometry*, 14(3), 282-286.
10. Shandiz, J. H., Heirani, M., Shojaei, A., & Narooie-Noori, F. (2021). Reply to letter to editor: Choroidal thickness in pediatric population. *Journal of Current Ophthalmology*, 33(1), 98.
 11. Yazdani N, Sadeghi R, Ehsaei A, Taghipour A, Hasanzadeh S, Zarifmahmoudi L, Heravian Shandiz J. Under-correction or full correction of myopia? A meta-analysis. *J Optom*. 2021 Jan-Mar;14(1):11-19.
 12. Sedaghat MR, Momeni-Moghaddam H, Heravian J, Belin MW, Ambrósio R Jr, Gheysari-Alishahi T, Ghavami SH. Scheimpflug Corneal Densitometry Changes After the Intrastromal Corneal Ring Segment Implantation. *Cornea*. 2020 Jun;39(6):761-768
 13. Heirani M, **Heravian JS**, Shojaei A, Narooie-Noorid F Choroidal thickness profile in normal Iranian eyes with different refractive status by spectral-domain optical coherence tomography. *Journal of Current Ophthalmology*/doi.org/10.1016/j.joco.2020.32:58-68
 14. Hashemi H, Pakzad R, Ali B, Yekta AA, Ostadimoghaddam H, **Heravian J**, Yekta R, Khabazkhoob M. Prevalence of refractive errors in Iranian university students in Kazerun. *Journal of Current Ophthalmology* 2020;32(1): 75-81
 15. Mahjoob M, **Heravian Shandiz J**, Mirzajani A, Ehsaei A, Jafarzadehpur E, Normative values of visually evoked potentials in Northeastern of Iran. *J Optom*. 2019 Jul-Sep;12(3):192-197. doi: 10.1016
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 20. Hashemi H, Saatchi M, Ali B, Yekta AA, Asharlous A, Ostadimoghaddam H, **Heravian J**, Khabazkhoob M. The prevalence of

- Amblyopia in a young Population. *British Journal of Visual Impairment* 2018;36(3):207-215.
21. Khoraminejad M, **Heravian J**, Askarizadeh F, Sobhani Rad D, , Contrast sensitivity abnormalities in deaf individuals. *J Ophthalmol Vis Res* 2018;13(2): 153-157
 22. **Heravian J**, Riazi A, Azimi A, Yazdani N, Torab Mostaedi M, Zohourian B, Vision Therapy and Eye - Hand coordination in Visual Impaired students. *J Ophthal Vis Res* 2018;13(3): 301- 306
 23. Sedaghat MR, Moghadas Sharif N, Askarizadeh F, Rakhshandadi T, **Heravian J**, The correlation between glucose and lipid biomarkers variations and biometric characteristics and intraocular pressure changes during Ramadan fasting .*J Nutrition Fasting Health*,2018;6(2): 82-87
 24. **Heravian Shandiz J**, Heyrani M, Sobhani-Rad D, Salehinejad Z, Shojae S, Khoshsiman MJ, Azimi A, Yekta AA, Hoseini Yazdi SH. Pattern Visual Evoked Potentials in Dyslexic Children. *J Ophthalmic Vis Res* 2017; 12 : 402-6.
 25. Yazdani N, Shahkarami L, **Heravian Shandiz H**, Vakili V, Ostadimoghaddam H, Yekta AA, Hoseini Yazdi SH. Ocular changes in premature infants. *Clin Med* 2017; 4:87-96.
 26. Zarei A., Riazi A., Heravian Shandiz J., Abdollah, Impact of Using Tablet Computer and Smart Phone on Vision Performance In a Group of Visually Impaired Children. *Function and Disability Journal*. 2018 (Autumn). Vol 1. No: 4. 28-35
 27. Sedaghat MR, **Heravian J**, Askarizadeh F, Jabbarvand M, Nematy M, Rakhshandadi T, Amirkalali Sijavandi MS, ,Shahsavan F, Narooie F. Investigation of the effects of Islamic Fasting on ocular parameters. *Journal of Current Ophthalmology*,2017;29:287-292
 28. Sedaghat MR, Askarizadeh F Nematy M, Narooie F, **Heravian J** , Rakhshandadi T, Rajabi S, The relation of body mass index and blood pressure with corneal biomechanical parameters in healthy subjects. *Med Hypothesis Discove Innove Opthahlmol*. 2017; 6(3): 89-97
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of Ramadan fasting on micronutrient and their correlation with the ocular axial length and anterior chamber depth. *J Fasting Health*, 2017;5(4): 144-150

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33. Khoraminejad M, **Heravian J**, Sedaghat MR, Momeni Moghaddam H, Sobhani Rad D, Askarizadeh F, Visual field abnormalities among adolescent boys with hearing impairments. *Innov Ophthalmol*. 2016 Summer; 5(2): 63–70
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35. Nassiri N, Sheibani K, Azimi A, Khosravi FM, **Heravian J**, Yekta AA, Moghaddam HO, Nassiri S, Yasserli M, Nassiri N. Refractive outcomes, contrast sensitivity, HOAs, and patient satisfaction in moderate myopia: Wavefront-optimized versus tissue-saving PRK. *Journal of Refractive Surgery*. 2015;31(10):683-688.
36. Hoseini-Yazdi SH, Yekta AA, Nouri H, **Heravian J**, Ostadimoghaddam H, Khabazkhoob M. Frequency of convergence and accommodative disorders in a clinical population of Mashhad, Iran. *Strabismus*. 2015;23(1):22-29.
37. **Heravian J**, Sobhani-Rad D, Lari S, Khoshshima M, Azimi A, Ostadimoghaddam H, Yekta AA, Hoseini-Yazdi S. Pattern visual evoked potentials in dyslexic versus normal children. *Journal of Ophthalmic and Vision Research*. 2015;10(3):274-278.
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41. Ghasemi M, Hoseini-Yazdi SH, **Heravian J**, Jafarzadehpour E, Rezaee

- M, Comparison of visual status of Iranian military and commercial drivers, Iran Red Crescent Med J.DOI:10.5812/ircmj 17(4) 2015 19351 2015 April; 17(4) 1-7
42. Azimi A, Razmjoo K, Heravian shandiz J, Khoshsim M.j, Payandeh A, Yekta AA, Evaluation of pattern reversal visual evoked potential components in albinism, Journal of Paramedical Sciences & Rehabilitation, Fall&Winter 2014;3(2):15-25
 43. Ostadimoghaddam H, Yekta AA, **Heravian J**, Azimi A, Hosseini SMA, Vatandoust S, Sharifi F, Abolbashari F .Prevalence of refractive errors in students with and without color vision deficiency. Journal of Ophthalmic and Vision Research. 2014;9(4):484-486.
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school children in Mashhad, Iran. *Ophthalmic Epidemiology*. 2012;19(3):166-171.

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55. *Yekta AA*, Hashemi H, Azizi E, Rezvan F, Ostadimoghaddam H, Derakhshan A, **Heravian J**, Azimi A, Khademi Maboudi AK, Khabazkhoob M. The prevalence of amblyopia and strabismus among school children in Northeastern Iran, 2011. *Iranian Journal of Ophthalmology*. 2012;24(4):3-10. (Scopus)
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- Hashemi nejad M, razavi shandiz P, Golmohammadi S, Haeri Kermani Z, Khabazkhoob M. The prevalence of refractive errors in a Mashhad, Iran. *Iranian Journal of Epidemiology*. 2011;6(4):50-60.
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71. **Yekta AA**, Hashemi H, KhabazKhoob M, Dostdar A, Mehravaran S, **Heravian J**, Fotouhi A. Comparison of central corneal thickness measurements with Pentacam, Orbscan II, and ultrasound pachymeter. Iranian Journal of Ophthalmology. 2009;21(2):51-57.
 72. **Yekta AA**, Fotouhi A, Khabazkhoob M, Hashemi H, Ostadimoghaddam H, **Heravian J**, Mehravaran S. The prevalence of refractive errors and its determinants in the elderly population of Mashhad, Iran. Ophthalmic Epidemiology. 2009;16(3):198-203.
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- Heravian JS**, Douthwaite WA, Jenkins TOA. Binocular summation in visually evoked response and visual acuity. Ophthalmic and Physiological Optics.1990;10(3): 57-61. (IF: 1.148)

Presentations

1. **Yekta AA**, Hashemi H, Momeni-Moghaddam H, Khabazkhoob M, Zarei-Ghanavati S, Ostadimoghaddam H, **Heravian J**, **Yekta R**. Longitudinal evaluation of corneal biomechanical parameters in a 7-11 years old Iranian population. European Association for Vision and Eye research (EVER), Poster Presentation, October 4-6, 2018, Nice, France.

2. Yekta AA, Hashemi H, Khabazkhoob M, Heydarian S, Ostadimoghaddam H, Derakhshan A, **Heravian J**, Azimi A, Momeni-Moghaddam H, Yekta R. Heritability of corneal curvature and Pentacam topometric indices: a population based study. European Association for Vision and Eye research (EVER), Oral Presentation, October 4-6, 2018, Nice, France.
3. Yekta AA, *Sedaghat MR*, *Momnei-Moghaddam H*, Khabazkhoob M, Madah N, Ghanavati M, Ostadimoghaddam H, **Heravian J**. Comparison of intraocular pressure with different tonometers in normal subjects. Pula 2018; Optometry and Optics for Better Vision, E-Poster Presentation, ۱۱ – ۱۳ May 2018, Pula, Croatia.
4. Yekta AA, Khabazkhoob M, Shahrighi F, Momeni-Moghaddam H, Ostadimoghaddam H, **Heravian J**, Ahmadi M. Accommodative insufficiency in a university student population in Iran. Pula 2018; Optometry and Optics for Better Vision, E-Poster Presentation, ۱۱ – ۱۳ May 2018, Pula, Croatia.
5. Yekta AA, Hashemi H, Khabazkhoob M, Ali SB, Ostadimoghaddam H, **Heravian J**, Azimi A, Momeni-Moghaddam H. Prevalence of refractive errors and visual impairment in university students. European Association for Vision and Eye research (EVER), Poster Presentation, September 27-30, 2017, Nice, France.
6. Yekta AA, Hashemi H, Khabazkhoob M, Ali SB, Ostadimoghaddam H, Najafi A, **Heravian J**, The prevalence of asthenopia and its determinants in a population of university students. European Association for Vision and Eye research (EVER), Poster Presentation, September 27-30, 2017, Nice, France.
7. Yekta AA, Hashemi H, Khabazkhoob M, , Forouzesh S, Ostadimoghaddam H, **Heravian J**, Azimi A, Nabovati P, , N. Yazdani N, Yekta R. Normal Values for Amplitude of Accommodation among a Population of High School students in Iran. European Association for Vision and Eye research (EVER), Poster Presentation,
8. Yekta AA, Ostadimoghaddam H, Azimi A, **Heravian J**, Khabazkhoob M, Hashemi H, Foroozeshnia S, Prevalence and risk factors of asthenopia among the students of Kermanshah, Iran, Creating a forum for optometry and optics in Europe, Poster Presentation, May 2016, Berlin.
9. Yekta AA, Derakhshan A, Ostadimoghaddam H, Azimi A, **Heravian J**, Mousavi M, Khabazkhoob M, Hashemi H, Yazdani N, Intraocular pressure with an air-puff tonometer in a young population, Creating a forum for optometry and optics in Europe, Poster Presentation, May 2016, Berlin.

10. Yekta AA, Ostadimoghaddam H, **Heravian J**, Khabbazkhoob M, Comparison of corneal topographic indices of keratoconus versus normal eyes by using pentacam imaging, european association for vision and eye research (ever), Poster Presentation, October 2015, Nice, France.
11. Yekta AA, Ostadimoghaddam H, Azimi A, **Heravian J**, Khabbazkhoob M, Frequency of refractive errors and binocular vision anomalies in children with learning disability, european association for vision and eye research (ever), Poster Presentation, October 2015, Nice, France.
12. Ostadimoghaddam H, Azimi A, **Heravin J**, Yekta AA, Dashti F, Assessment of Amblyopia by VEP, CS and VA, First congress of optometry, Oral Presentation, October 2015, Sari.
13. Osroush E, **Heravian J**, Talebnejad M, Hoseinmeni S, Azimi A, Ostadimoghaddam H, Yekta AA, Efficacy of vision therapy on accommodative and vergence disorders as well as quality of life of the patients visiting Pustchi Ophthalmology Care and Boostan Care center in Shiraz city at 2015, 18th Annual Congress of Iranian Society of Optometry, Oral Presentation, 5-7 August 2015.
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