Curriculum vitae

Personal & general information

First name: Asgar
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Education
B.Sc in Optometry: Iran university of medical Science (IUMS) ١٩٩٢
M.Sc in Optometry: Mashad University of Medical Science (MUMS) ٢٠٠٦
PhD candidate in optometry (٢٠٢٠ until now)

- **Educational Activities :**

    Instructor at university for ١٤ years(١٩٩٢ to ٢٠٠٣)

    Member of IUMS faculty for ٤ years(٢٠٠٦-now)

- **Teaching Experience:**

    ١. Mechanism of binocular vision
    ٢. Anomalies of binocular vision
    ٣. Contact lens ١&٢
    ٤. Terminology
    ٥. Optometry ٢ (until ٢٠٠٣)
    ٦. Clinical supervision
    ٧. Advanced contact lens

- **Research:**

    ١. The efficacy and contributive factors of orthokeratology in myopic and astigmatic patient(٢٠٠٧).
    ٢. RGP fitting in keratoconus patients based on k reading to get a frmula (٢٠٠٧).
    ٣. Diagnosis and treatment of amblyopia(٢٠٠٨).
    ٤. Fitting bifocal and progressive addition lenses(٢٠٠٨).
    ٥. Evaluation of anterior chamber depth and corneal endothelial cells changes after implantation of phakic IOL(٢٠٠٩).
    ٦. Evaluation of saccadic movement in patients with thyroid disease by VNG(٢٠٠٧).
    ٧. Comparison of pentacam and ultrasound pachymetry in measuring central corneal thickness in normal corneas(٢٠٠٧).

8. To evaluate the effect of experimentally induced anisometrpia on stereopsis in age group 18 to 24(2005).
9. To determine the onset of presbyopia in tehran
10. To determine the prevalence of ocular deviation inTehran elementary students .
11. To determine corneal changes after strabismus surgery.
12. To evaluate corneal curvature changes in RGP wearers.
13. To determine the prevalence of amblyopia in Tehran elementary students.
14. To evaluate corneal curvature and power in different kind of refractive error.

- **Publications**

1-Comparison of Central Corneal Thickness Measurements with Pentacam, Orbscan II, and Ultrasound Pachymeter(2009).

2- Rigid contact lens fitting based on keratometry readings in keratoconus patients: Predicting formula(2011).

3- Utility of orthokeratology contact lenses; efficacy of myopia correction and level of patient satisfaction in Iranian myopic/myope-astigmatic patients (2015).

4- Comparative study of changes of corneal curvatures and uncorrected distance visual acuity prior to and after corneal collagen crosslinking: 1-year results(2016).

5- Binocular and Accommodative Characteristics in a Normal Population(2017).

6- The Prevalence of Age-Related Eye Disease in an Elderly Population(2017).

7- The prevalence of visual impairment and blindness in underserved rural areas: A crucial issue for future(2017).

8- The prevalence of convergence insufficiency in Iran: a population-based study(2017).

9- Time-course investigation of postural sway variability: Does anxiety exacerbate the sensory reweighting impairment in chronic stroke survivors?(2019).

10- Demographic profile, clinical, and topographic characteristics of keratoconus patients attending at a tertiary eye center(2019).

11- Accommodative insufficiency in a student population in Iran | [Insuficiencia acomodativa en una poblacion estudiantil de Iran](2019).

12-Are the results of handheld auto-refractometer as valid as the result of table-mounted refractometer?(2019).

۱۳-Economic inequality in numet refractive error need in deprived rural population of Iran(۲۰۲۰).

۱٤-Location and stability of the preferred retinal locus in native Persian-speaking patients with age-related macular degeneration(۲۰۲۱).

۱٥-Evaluation of the presence of a central fusion lock effect on fixation disparity curve parameters in symptomatic and asymptomatic subjects(۲۰۲۱).

۱٦-Evaluating reading performance in different preferred retinal loci in Persian-speaking patients with age-related macular degeneration(۲۰۲۱).

۱۷- The prevalence of fusional vergence dysfunction in a population ins Iran(۲۰۲۱).

۱۸-Ocular Surface Status in Individuals Having Long-Term Occupational Sunlight Exposure(۲۰۲۲).

۱۹-Evaluation and Comparison of Posterior Corneal Elevation Parameters in Different Grades of Keratoconus by Pentacam(۲۰۲۲).

۲۰- Assessing accuracy of okulix ray-tracing software in calculating intraocular lens power in the long cataractous eyes(۲۰۲۲).

۲۱- Epidemiology of Dry Eye and Its Determinants among University Students(۲۰۲۲).

۲۲- Anterior and posterior corneal higher-order aberrations in early diagnosis and grading of keratoconus(۲۰۲۳).

۲۳- Receded near point of convergence as a predictor of mild cognitive impairment in the general geriatric population: results from a population-based study(۲۰۲۳).

Executive Activities:

1. Head of Optometry Department Iran University of Medical Sciences for ٤ years.(١٩٩٧-٢٠٠١)
2. Executive Manager of the First annual optometric students Congress.
3. Executive Manager of the forth Iranian optometric continuous education(٢٠٠١).
4. Executive Manager of the fifth Iranian optometric continuous education(٢٠٠٢).
5. Executive Manager of the sixth Iranian optometric continuous education(٢٠٠٣).
6. Executive Manager of the sixth annual Iranian optometric congress (٢٠٠٣).
7. Executive Manager of the seventh annual Iranian optometric congress (٢٠٠٤).
8. Advisor Teacher for B.Sc students in ٥ semesters.
9. Head of Optometry Department ,Iran University of Medical Sciences for ٦ years (Oct ٢٠١٤-Dec ٢٠٢٠)

١٠. Secretary of the Iranian Scientific Optometry Association (٢٠٠٢-٢٠٠٤)

- **Research Interest:**

    ١. Contact lens field.
    ٢. Binocular vision.
    ٣. Amblyopia.
    ٤. Ocular imaging.
    ٥. Anterior segment (especially refractive surgery).