

In the name of God

Curriculum vitae



Surname: medghalchi

First name: abdolreza

Sex: male

Birth Date & place of birth: 5 May. 1961 Ahar, Iran

Marital Status: Married

*Address: Amiralmomenin Hospital, medical school, guilan medical science
university, Rasht, Iran*

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EDUCATIONS:

1968-1973: shams School, Ahar, Iran

1973--1976: intermediate school, Ahar, Iran

1976-1980: safa high school, Tabriz, Iran

*1983-1990: Doctor of Medicine (M. D) with honuor, Tehran University of
Medical Sciences,*

*1990-1994: Resident of Ophthalmology, with honour, Shiraz University of
Medical Sciences,*

1994 *Iranian Board of Ophthalmology*

1994-1997 *Assistant Professor of Ophthalmology kashan University Of Medical Sciences*

Department Of Ophthalmology

2000-2001 *fellowship of Pediatric Ophthalmology & Strabismus, Tehran medical science university*

2001 *Iranian certified of Fellowship of Pediatric Ophthalmology & Strabismus*

2001-2014 *Assistant Professor of Ophthalmology, Department Of Ophthalmology, guilan University Of Medical Sciences*

2014-present *Associated Professor of Ophthalmology, department Of Ophthalmology, guilan University Of Medical Sciences*

HONORS:

- 4th rank in annual nation wide board examination in Ophthalmology in 1994.
- Among top 3 percent medical school graduates of Tehran University of Medical Sciences with the grade of 3.82 (out of 4). 1990
- First rank in Azarbayjan province in the final high school examination 1980

Subscription :

- American association of ophthalmology
- Member of Medical Council of Iran
- Member of Iranian Society of Ophthalmology
- Member of Iranian Society of pediatric ophthalmology & strabismus
- Member of European society of strabismus

Teaching Experiences:

1994-1997 *Assistant Professor of Ophthalmology, Department Of Ophthalmology, kashan University Of Medical Sciences*

1997-2010: *Assistant Professor of Ophthalmology, Department Of Ophthalmology, guilan University Of Medical*

2014-present *Associate Professor Of Ophthalmology, department Of Ophthalmology, guilan University Of Medical Sciences*

Sciences

Executive Position:

2006-2008: *Director of internal evaluation of ophthalmology department of guilan medical science university*

2006--2009: *Chancellor of guilan branch of Iranian Society of Ophthalmology.*

2009-present: *Member of eye research center of guilan medical science university*

2015-present: *director of eye ward of amiralmomenin hospital*

1) Thesis with medical students

2) *Survey of surgery of infantile esotropia in amiralmomenin hospital & private clinic (rahimian M.D)*

3) *Survey of horizontal strabismus under 14 years old in private clinic(dastyar M.D))*

4) *Comparison of external and endoscopic DCR(NASIRY M.D)*

5) *Survey of intermittent with overminus under 7 years old(soleimani M.D)*

6) *Survey of nasolacrimal duct obstruction in cataract(same M.D)*

7) *Survey of astigmatism and topographic changes after strabismus surgery(hoseinnejad M.D)*

8) *Survey of surgery of involution ectropion with lateral tarsal strip(ronagi M.D)*

9) *Survey of lid fissure alteration after strabismus surgery(atakpoor M.D)*

10) *Survey of epidemiologic of thyroid eye disease in amiralmomenin hospital(nabavian M.D)*

11) *Review the frequency of ophthalmologists and optometrists opinions about treatment of amblyopia in Guilan province in 2018 (Abdolahvand M.D)*

- 12) *Astigmatism changes of cornea following rectus muscle surgery in strabismus patients referred to Amir-almomenin hospital 2012-13 (Hosseini Nejad, Residency)*
- 13) *Survey of the strabismus surgery on lid fissure change in amirolmomenin hospital of rasht in 2015 (Atakpour Residency)*
- 14) *Effect of atropine 0.1%&0.01% eye drops in natural course of myopia progression in Children with 6 to 18 year olds (Sabnan, Residency)*
- 15) *Study of preoperative orbital CT scan findings in patient with nasolacrimal duct obstruction that refer to orbit clinic of amiralmomenin hospital in 97-98 (Khadem, Residency)*

RESEARCH AND PUBLICATIONS:

1. "Evaluation of hypocalcemia" Thesis for the award of doctor of medicine degree. 1990, Tehran University of Medical Sciences
2. "Ophthalmic complication of renal transplantation, Iran" Thesis for award specialty degree in Ophthalmology. 1994, Shiraz University of Medical Sciences.
3. Author of a book with title: "Review of immunology of nelson pediatric book, published by haayan publisher, 2006

Presentation:

- 1: Neurotransmitter in amblopia .Amblyopia seminar, Tehran 1377
- 2: Effect of posterior tenectomy of superior oblique for correction of A pattern strabismus. 8th Iranian congress of ophthalmology, Tehran, 1377
- 3: Combined recess of inferior lid retractor and sling in congenital fibrosis. 8th Iranian congress of Ophthalmology, Tehran ,1377
- 4: Evaluation .diagnosis & treatment of 6th nerve palsy. 8th Iranian congress of Ophthalmology, Tehran, 1377

- 5: Evaluation of DVD. Seminar of pediatric Ophthalmology.amamhosein hospital,Tehran 1377
- 6: Augmented transposition of vertical muscles to lateral rectus muscle with fixating sutures. 9th Iranian congress of ophthalmology, Tehran, 1378
- 7: Evaluation of diplopia .seminar of strabismus, Farabi hospital.tehran.1379
- 8: Evaluation of skew deviation. Seminar of strabismus, Farabi hospital.Tehran.1379
- 9: Evaluation of esotropia in private clinic, 12th Iranian congress of ophthalmology, Tehran, 1381
- 10: Evaluation of cranial nerve palsies in private clinic, 12th Iranian congress of ophthalmology, Tehran, 1381
- 11: Non surgical treatment of strabismus .pediatric ophthalmology seminar,khalili hospital,shiraz,1382
- 12: Approach to patients with 3th & 6th nerves palsies.neurophthalmology & strabismus seminar.rasoul akram hospital,Tehran 1382
- 13: Pre op evaluation of ptosis. Oculoplasty seminar .Rasoul akram hospital,Tehran 1382
- 14: Common pediatric ophthalmology problems.pediatric semibar, Rasht, 1382
- 15: Transposition procedure in strabismus.Strabismus seminar, Farabi hospital, 1383
- 16: Comparing of penalization,patch theraphy in Amblyopia.15th Iranian congress of ophthalmology ,Tehran ,1384
- 17:Pre op motor evaluation pf strabismus. 15th Iranian congress of ophthalmology, Tehran, 1384
- 18: Survey of esotropia.28th European strabismic association congress.2004, turkey
- 19: Routine pediatric eye examination. Pediatric seminar, Rasht, 1384
- 20:Ambyopia.seminar for general practioner, Rasht 1384
- 21:Strabismus.seminar for general practioner, Rasht 1384
- 22: Conjuntival graft.seminar of ophthalmology.Rasht 1385
- 23: Conjunctival flap. Seminar of ophthalmology.Rasht 1385
- 24: Bacterial conjunctivitis. Seminar of ophthalmology.rasht 1385

- 25: Recess of medial rectus muscles in recurrent esotropia. 16th Iranian congress of ophthalmology, Tehran, 1385
- 26: Congenital exotropia. 16th Iranian congress of ophthalmology, Tehran, 1385
- 27: Recess of medial rectus muscles in recurrent esotropia. 31th European strabismic association congress. 2007, Micononus, Greece
- 28: Isolated superior oblique muscle tuck for profound superior oblique palsy. 31th European strabismic association congress. 2007, Micononus, Greece
- 29: Infantile esotropia. Seminar of ophthalmology, Rasht, 1386
- 30: Oblique muscles dysfunction. Seminar of ophthalmology, Rasht, 1386
- 31: Amblyopia. seminar for general practitioner, Rasht mehr, 1386
- 32: Strabismus. seminar for general practitioner, Rasht mehr, 1386
- 33: Recess of lateral rectus muscles for recurrent exotropia. 17th Iranian congress of ophthalmology, Tehran, 1386.
- 34: Amblyopia. Seminar for general practitioner, Rasht, esfand, 1386
- 35: strabismus. Seminar for general practitioner, Rasht, esfand, 1386
- 36: Survey of congenital exotropia. 32th European strabismic association congress. 2008, Germany.
- 37: Bifocal glass: Seminar of ophthalmology, Rasht, 1387.
- 38: Extraocular muscle pals. Seminar of ophthalmology, Rasht, 1387.
- 39: Survey of causes of proptosis. 18th Iranian congress of ophthalmology, Tehran, 1387.
- 40: Survey of thyroid associated orbitopathy. 18th Iranian congress of ophthalmology, Tehran, 1387.
- 41: Survey of 4th nerve palsy. 18th Iranian congress of ophthalmology, Tehran, 1387.
- 42: Sensory evaluation of strabismus. Seminar of strabismus. Tabriz khordad, 1388
- 43: Results of recession & anteriorization of inferior oblique muscle for alignment of superior oblique muscle palsy. 33th European strabismic association congress. 2009, Serbia

- 4 Results of early surgical alignment of infantile esotropia.33th European strabismic association congress.2009, Serbia.
- 45: Factors associated with treatment failure of anisometropia of amblyopia.33th european strabismic association congress.2009, Serbia.
- 46: Amblyopia.seminar for general practitioner, Rasht, Mehr, 1388
- 47: Strabismus.seminar for general practitioner, Rasht, Esfand, 1388
- 48: Pediatric cataract.seminar of ophthalmology.Rasht, 1388
- 49: Update of Amblyopia. Seminar of ophthalmology.Rasht, 1388
- 50: Surgery on oblique muscles. Seminar of ophthalmology.Rasht, 1389
- 51: Surgery on horizontal muscles. Seminar of ophthalmology.Rasht, 1389
- 52: Results of recession & anteriorization of inferior oblique muscle for alignment of superior oblique muscle palsy.19th Iranian congress of ophthalmology,Tehran ,1388.
- 53: Factors associated with treatment failure of anisometropia of amblyopia. 19th Iranian congress of ophthalmology,Tehran ,1388.
- 54: Results of early surgical alignment of infantile esotropia.19th Iranian congress of ophthalmology,Tehran ,1388.
- 55: Comparison of penalization with atropine & patching. 19th Iranian congress of ophthalmology,Tehran ,1388.
- 56: Transaction book of 31th European strabismic association congress.2007, Micononus, Greece.
- 57: 58: Factors associated with treatment failure of anisometropia of amblyopia.19TH congress of ESCRS 2010, France.
- 58: Randomized trial of atropine vs patching for treatment of amblyopia. 19TH congress of ESCRS 2010, France
- 59: Factors associated with treatment failure of anisometropia of amblyopia.11TH congress of ISA 2010, turkey.
- 60: Randomized trial of atropine vs patching for treatment of amblyopia.11TH congress of ISA 2010, turkey.
- 61: Evaluation of decompensation of accommodative esotropia.11TH congress of ISA 2010, turkey.

- 62: Results of bilateral medial rectus recession in improvement of the ocular alignment in patients with unilateral Duane syndrome. 11TH congress of ISA 2010, turkey.
- 63: Endoscopic versus external dacryocystorhinostomy results for acquired nasolacrimal duct obstruction. 3TH congress of rhinology 2011 Tehran
- 64: Survey of Nerve Fiber Layer Thickness in Anisometropic and Strabismic Amblyopia . 21th Iranian congress ophthalmology, Tehran ,1390.
- 65: Survey of accommodative esotropia. 21th Iranian congress of ophthalmology, Tehran ,1390
- 66: Eye in metabolic diseases. Metabolic disease. Rasht 1391
- 67: Evaluation of the surgical results of superior oblique palsy. 22th Iranian congress of ophthalmology, Tehran ,1391
- 68: Evaluation of treatment of different types of amblyopia in patients over 10 years old. 22th Iranian congress of ophthalmology, Tehran ,1391
- 69: Evaluation of restrictive strabismus. 22th Iranian congress of ophthalmology, Tehran ,1391
- 70: infantile esotropia, pattern strabismus, brown syndrome, duane syndrome. seminar in strabismus Rasht 1391/12
- 71: Evaluation of restrictive strabismus congress of Iranian association of Oculoplastic & reconstructive surgery. Rasht 1392/3
- 72: screening of amblyopia. seminar of update of amblyopia. Mashhad 1392/3
- 73: Results of nasolacrimal duct probing in children between 9-48m. 23th Iranian congress of ophthalmology, Tehran ,1392
- 74: Results of bilateral medial rectus muscle recession in improvement of the ocular alignment in patients with unilateral Duane syndrome. 23th Iranian congress of ophthalmology, Tehran ,1392
- 75: To evaluate the results of lateral tarsal strip surgery outcome in patients with lower lid involuntional entropion. 23TH congress of ESCRS 2014, England
- 76: Can we predict patients' cooperation during phacoemulsification surgery under topical anesthesia? 23TH congress of ESCRS 2014, England

- 77: Evaluation of decompensation of accommodative esotropia. 24th Iranian congress of ophthalmology, Tehran ,1393
- 78: Evaluation of treatment of different types of amblyopia in patients over 10 years old 24th Iranian congress of ophthalmology, Tehran ,1393.
- 79: Survey of Nerve Fiber Layer Thickness in Anisometropic and Strabismic Amblyopia. The joint meeting of American Association of Pediatric Ophthalmology and Strabismus (AAPOS-JAPAN), Japanese Association of Pediatric Ophthalmology (JAPO, 39th annual), Japanese Association of Strabismus and Amblyopia (JASA, 70th annual), Kyoto dec1-4
- 80: Results of nasolacrimal duct probing in children. The joint meeting of American Association of Pediatric Ophthalmology and Strabismus (AAPOS-JAPAN), Japanese Association of Pediatric Ophthalmology (JAPO, 39th annual), Japanese Association of Strabismus and Amblyopia (JASA, 70th annual), Kyoto dec1-4
- 81: Is lateral tarsal strip the successful surgical procedure in patients with lower lid involutional entropion. XXXII Congress of the ESCRS.2014 london
82. Can we predict patients cooperation during phacoemulsification surgery under topical anesthesia. XXXII Congress of the ESCRS.2014 london
83. Factors associated with treatment failure of anisometropic amblyopia .XXXIII Congress of the ESCRS.2015 spain
84. Evaluation of nasolacrimal duct obstruction frequency in patients undergoing cataract surgery. XXXIII Congress of the ESCRS.2015 spain
85. Survey the astigmatic power,axis and refractive changes after strabismus surgery using power vectoranalysis according topography. 25th annual congress of the Iranian society of ophthalmology.Tehran 2015
86. Survey the astigmatic power,axis and refractive changes after strabismus surgery using power vectoranalysis according cycloplegic refraction.25th annual congress of the Iranian society of ophthalmology.Tehran 2015
87. Pentacam indexes affecting elevation difference of cornea in patients with mild and moderate keratoconus. 25th annual congress of the Iranian society of ophthalmology.Tehran 2015

88. Pentacam indexes affecting elevation difference of cornea in patients with mild and moderate keratoconus. . 25th annual congress of the Iranian society of ophthalmology.Tehran 2015
89. Survey the astigmatic power,axis and refractive changes after strabismus surgery using power vectoranalysis according cycloplegic refraction. 27th annual congress of the Iranian society of ophthalmology.Tehran 2017
90. Applicability of Screening Criteria Recommended by the Iran Ministry of health in diagnosis of ROP patients requiring treatment in Guilan Provine of IRAN. 27th annual congress of the Iranian society of ophthalmology. Tehran 2017
91. Corneal collagen cross-linking in advanced keratoconus. 27th annual congress of the Iranian society of ophthalmology. Tehran 2017
92. Survey the effect of strabismus surgery on lid fissure height. 27th annual congress of the Iranian society of ophthalmology. Tehran 2017
93. Management of intermittent exotropia with overcorrecting minus lens therapy in children under 7 years old. 27th annual congress of the Iranian society of ophthalmology. Tehran 2017
94. Treatment of intermittent exotropia with overminus glass in childen under 7 years old. IV WSPOS Congress.india 2017
95. Astigmatism changes of cornea following rectus muscle surgery in strabismus patients. IV WSPOS Congress.india 2017
96. Frequency of nasolacrimal duct obstruction in patients undergoing cataract surgery according to irrigation test and dye disappearance tes. 28th annual congress of the Iranian society of ophthalmology.Tehran 2018
97. The effect of pregnancy on choroidal thickness in normal pregnant women. 28th annual congress of the Iranian society of ophthalmology. Tehran 2018
98. Survey the opinion of ophthalmologist and optometrist about the treatment of amblyopia. 28th annual congress of the Iranian society of ophthalmology. Tehran 2018

99. Evaluation of keratoconus severity with pachymetric progression indexes of pentacam. 28th annual congress of the Iranian society of ophthalmology. Tehran 2018

100. The epidemiological characteristics of patients with thyroid eye disease in a referral center in northern Iran. 28th annual congress of the Iranian society of ophthalmology. Tehran 2018

101. Metabolic disorders, genetic abnormalities and ophthalmology. 12th Congress of pediatric inherited metabolic disorders and endocrinology. Tehran 2019

Papers:

1: Ocular complications in renal allograft recipients. *Transplant Proc* 2003; 35(1):309-10

2: Effect of posterior tenectomy of superior oblique for correction of A pattern strabismus. *Iranian journal of eye bank*. volum 4, number 1, 1377

3: Survey of strabismus in under 14 y. *Journal of guilan medical school*, volum 11, number 42, 2001

4: Ocular complication in renal transplant patients'. *Journal of Guilan University of medical science* Vol 12, No 47 (2002)

5: Survey of paralytic strabismus. *Acta medica iranica*, Vol 47, No 3, 2009

6: Randomized trial of atropine vs patching for treatment of amblyopia. *Iran Red Crescent Med J* 2011; 13(8):578-581

7: The Prevalence of Iodine Deficiency Disorder in Two Different Populations in Northern Province of Iran: A Comparison Using Different Indicators

Recommended by WHO. *Acta Medica Iranica*, Vol. 50, No. 12 (2012)

8: Congenital Hypothyroidism: A Review of the Risk Factors. *Acta Medica Iranica*, Vol. 50, No. 11 (2012)

9: Bilateral Ring-Shaped Marginal Keratitis after Photorefractive Keratectomy: A Case Report. *Iranian Journal of Ophthalmology* 2011; 23(1):71-74

10: Results of nasolacrimal duct probing in children between 9-48 months. *Acta Medica Iranica*, Vol. 52, No. 7 (2014)

- 11: comparison of endonasal endoscopic versus external dacryocystorhinostomy for adult patients with primary acquired nasolacrimal duct obstruction.Journal of guilan medical science university,Vol 23,No 89,2014
- 12: Congenital Hypothyroidism: Etiology and Growth-Development Outcome. Acta Medica Iranica, Vol. 52, No. 10 (2014)
- 13: Cardio-Metabolic Risk Factors in Iranian Children Where We Are and the Other? Acta Medica Iranica, Vol. 52, No. 11 (2014)
- 14: The Relationship between Blood Pressure, Anthropometric Indices and metabolic Profile in Adolescents: A Cross Sectional Study .The Indian Journal of Pediatrics, 2014
- 15: Survey of Nerve Fiber Layer Thickness in Anisometropic and Strabismic Amblyopia.Acta Medica Iranica Vol. 55, No. 1, 2017
- 16: Investigation of risk factors for childhood obesity to prevent type II diabetes Journal of diabetes nursing 5 (1), 20-28
- 17: Birth Weight as a Cardio Metabolic Risk Factor in Iranian Adolescents. Int J Prev Med. 2017; 8: 72
- 18: CAN WE COMPARE INDICATORS OF IODINE DEFICIENCY DISORDER IN NEONATE WITH SCHOOL- AGED CHILDREN. Archives of Disease in Childhood 2012.Volume 97
- 19: The epidemiological characteristics of patients with thyroid eye disease in a referral center in northern Iran. Journal of Current Ophthalmology xx (2018) 1
- 20: The Cutoff of Ferritin for Evaluation of Hypothyroidism in Patients With Thalassemia. J Pediatr Hematol Oncol 2019 Volume 00
- 21: The Outcome of Corneal Collagen Cross-Linking in Patients with Advanced Progressive Keratoconus: A 2-Year Follow-up Study. Middle East African Journal of Ophthalmology 2019
- 22: Correlation of corneal elevations measured by Scheimpflug corneal imaging with severity of keratoconus. Journal of Current Ophthalmology 2019
- 23: Can We Predict Patients' Cooperation During Phacoemulsification Surgery Under Topical Anesthesia?, Acta Medica Iranica, Vol. 57, No. 7 (2019).

- 24: Practice pattern of amblyopia treatment in northern Iran. International Medical Journal.2020, Volume 25, Issue 03.
- 25: Review Paper: The Effect of Amino Acid, Carbohydrate, and Lipid Metabolism Disorders on Eyes. Caspian Journal of Neurological Sciences .Article in press
- 26- F Kharaee, S Dalili, A Medghalchi, S Koochmanaee, R Bayat, D Zamanfar, ..., A Review of the Effects of Urtica Dioica in Control of Diabetes: Hopes and Challenges 2020, Journal of Diabetes Nursing
- 27-Taher Cheraghi ,Abdolreza Medghalchi ,Elahe Morad khani,Fereshteh Taheri, Guide to Safe Medical Practice in Outpatient Settings During COVID-19 Pandemic, ioh 2020, 17 - Special Issue: COVID-19: 1-16
- 28-Medghalchi AR, MD; Akbari M, MD*; Abdollahvand S, MD, Survey on the Opinion of Ophthalmologists and Optometrists about Amblyopia Treatment Compared to Standard Treatment in Guilan Province, Bina J Ophthalmol 2019; 25 (2): 75-82.
- 29-Abdolreza Medghalchi, Afagh Hassanzadeh Rad, Reza Soltani-Moghadam, Setila Dalili, Review Paper: The Effect of Amino Acid, Carbohydrate, and Lipid Metabolism Disorders on Eyes, Caspian J Neurol Sci, 2020, Volume 6, Issue 3, Number 22
- 30- Medghalchi A, Hassanzadeh Rad A, Dalili S. Ophthalmological Manifestations of Various Types of Inborn Errors of Metabolism, A Narrative Review. Journal of Pediatrics Review. Forthcoming 2020
- 31-Shahin Koochmanaee MD, Bahram Dabandi MD, Adel Baghersalimi MD, Roghayeh Zare PhD, Mohammad Aghaeizadeh Zoroufi MD,... The probability of indicating Osteoprotegerin as a biomarker for osteoporosis in patient with thalassemia major, Iran J Ped Hematol Oncol. 2021, Vol 11, No 1, 18-23

References:

1-Ziaedin Yazdian (M.D)
Head of pediatric Ophthalmology Division

Farabi Hospital
Qazvin Sq.
Tehran, Iran

2) M.Hossein Roozitalab (M.D)
Chairman of Ophthalmology Department
Khalili Hospital
Shiraz, Iran.

3) A.Attarzadeh (M.D)
Head of Pediatric Ophthalmology Division
Khalili Hospital
Shiraz, Iran.
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