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**CV Last Updated on: 2006**

School: Tehran University of Medical Sciences  
Department: Ophthalmology  
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Homepage: <http://www.tuerc.org/members/karkhaneh>  
Birth Date: 1, November, 1954  
Birth Place: Garmsar, Iran  
Marital Status: Married

Graduate training Tehran University of Medical Sciences, Tehran – Iran,  
1972-1979

Graduation: Noveber1980 MD Tehran University of Medical Sciences

Residency:

- May 1983- May 1986, General Ophthalmology, Labaffinejad Medical center (LMC), Shahid beheshti university of Medical Sciences, Tehran,Iran.

June 1987 passing the Board Exam of Ophthalmology.

Fellowship:

1986-1987, Clinical Fellowship in Vitreous and retina, 12

Months at Labaffinejad Medical center (LMC), Shahid Beheshti university of Medical Sciences.

Ophthalmology Service:

1) Assistant professor of ophthalmology, Tehran Medical Sciences University since1988.

2) Head of the department of Vitreous and retina Farabi Eye Hospital, Tehran University of Medical Sciences, 1990-1999

3) Associate professor of ophthalmology, Tehran Medical Sciences University since1998

4) Member of Preboard of directors of ophthalmology of Iran 1996-1997

5) Vice president of research committee Ophthalmology, Tehran Medical Sciences University of 1999-2002

6) Member of committee of ophthalmology residency programming since 2000

7) Professor of Ophthalmology, Tehran Medical Sciences University, since March, 2004

8) Member of board of directors of ophthalmology of Iran 2004,2005,2007

9) Vice president of education committee Ophthalmology, Tehran Medical Sciences University, since December, 2004.

- 1) International Member of American Academy of Ophthalmology, since 1988.
- 2) Member of European cataract extraction and refractive surgery (ECRS) Since September 2004.
- 3) Member of Iranian Society of Ophthalmology, since 1986.

Books:

1- Behcet's disease: Chapter of local ophthalmic treatment modality in Behcet's disease. Edited by Dr .

F Sharam, F Davachi,.....R Karkhaneh,..... published in 2001.

2- Behcet's disease. Chapter of a survey on visual results of pars plana vitrectomy in Behcet's disease (syndrome). Page 457-460. Edited by Dr . Donsilk Bang Eun So Lee, Sungnack Lee. published in 2000. South Korea.

1- Long-term surgical outcome in posterior choroidal melanoma treated by endoresection. Acceptance for publication in *Retina*: 2007; 27: 908-914

2- Topical aminocaproic acid to prevent rebleeding of traumatic hyphema. *European journal ophthalmology*. 2003; 13 (No. 1),

3- Single-session photodynamic therapy combined with intravitreal bevacizumab and triamcinolone for neovascular age-related macular degeneration. *BMC Ophthalmology* 2007, 7: 10 doi: 10.1186/1471-2415-7-10

1- Posterior chamber IOL implantation during vitreous and retinal surgery. *The Journal of the Iranian society of Ophthalmology*, 1993; 5: (No. 4), 23-26.

2- Internal resection of choroidal melanoma in 3 cases (brief report). *The Journal of the Iranian society of Ophthalmology* 1993; 5: (No. 4), 45-46.

3- Visual results after surgical treatment of congenital cataract. *The Journal of the Iranian society of Ophthalmology* 1995; 7: (No. 3 \$4), 23-31.

4- Internal resection of posterior choroidal melanoma (a report on 10 cases) *Journal of Ophthalmology Bina* 1997; , Vol. 1, No. 2,

- 5-New treatments for retinoblastoma. The Journal of the Iranian society of Ophthalmology.1977.10,(No.3 \$ 4),61 69.
- 6-Incontinenatia pigmenti acse report with phthisis bulbi. The Journal of the Iranian society of Ophthalmology.1977.10,(No.3 \$ 4),50-60.
- 7-Grid pattern argon laser phthocoagulation for diabetic diffuse macular edema.The journal of faculty of medicine.1998;56: Vol.2. No.2,43-48.
- 8-Visul results of pars plana vitrectomy in behcet,s disease. The Journal of the Iranian society of ophthalmology. 1999:(No.1 \$2),30-39.
- 9 -Epidemiologic survey of work related eye injuries in farabi eye hospital,1998-1999. The Journal of the Iranian society of Ophthalmology 1999;11: (No.1 \$2),48-57.
- 10-Uveitis in leprosy-the influencing factors. The Journal of the Iranian society of Ophthalmology 1999;11, (No.1 \$2),1-7.
- 11-Transvitreal resection of choroidal melanoma.Journal of ophthalmology Bina.1997;2,242-249.
- 12-Epidemiological survey of patients with intraocular retinoblastoma in Farabi eye hospital 1986-1996. Journal of ophthalmology Bina.1998;4,34-43.
- 13-Gentamycine retinal toxicity: A report of a case. Journal of ophthalmology Bina.1999;4,168-169.
- 14-Evalution of serum triglycerids and chlesterol levels in patients with neovascular age related macular degeneration. The Journal of the Iranian society of Ophthalmology.2000:12,(No.3),29 -33.
- 15-Investigate of the extension of the unilateral retinoblastoma at the time of the first medico surgical intervention. The Journal of the Iranian society of Ophthalmology.2000:12,(No.3),20 -28.
- 16-Assessment of retinopathy of prematurity among 150 premature neonates in farabi eye hospital.Acta medica Iranica,2001(No.31)...
- 17-Intravitreal Carboplatin for intraocular retinoblastoma. Journal of ophthalmology Bina.2001;5,95-105.
- 18-Early intraocular pressure changes after pars plana vitrectomy. Journal of ophthalmology Bina.2001;6,245-255.
- 19 A/V crossing adventitial sheathotomy in BRVO..... . Journal of ophthalmology Bina.2002;7,33-37.
- 20-Prospective study of dense spontaneous vitreous hemorrhage in nondiabetics treated by pars plana vitrectomy. Journal of ophthalmology Bina.2002;7,34-43.318-323.

- 21-A survey on visual impairment and blindness in children from retinopathy of prematurity. The Journal of the Iranian society of Ophthalmology.2003;15,(No.2),101 -105.
- 22-Epidemiologic and histopathologic evaluation of 95 cases of ocular malignant melanoma at farabi eye hospital. The Journal of the Iranian society of Ophthalmology.2003;15,(No.2),33 -36.
- 23- Color Vision in axial high myopia. Journal of ophthalmology Bina.2003;8,157 -162.
- 24-Color Vision defects in diabetics. Journal of ophthalmology Bina.2003;8,247-252.
- 25-Subtenon Carboplatin for retinoblastoma. Journal of ophthalmology Bina.2003;8,311-319.
- 26-Long term results of endoresection of posterior choroidal melanoma. Journal of ophthalmology. Bina.2004;9,122-129.
- 27-Prophylactic intraocular gentamycine and clindamycine in prevention of acute posttraumatic endophthalmitis after penetrating ocular injuries.A double masked randomized clinical trial. The Journal of the Iranian society of Ophthalmology.2004;17,(No.1),5 -12.
- 28-Four-hundred ocular trauma in Farabi Hospital(Oct.2002-Mar.2003). The Journal of the Iranian society of Ophthalmology.2004;12,(No.4),40 -44.
- 29-Scleral buckling without retinopexy in primary retinal detachment. Journal of ophthalmology Bina.2004;9,149-154.
- 30-Correlation between presence of pigment granules in the vitreous and retinal breaks in patients with acute symptomatic posterior vitreous detachment. Journal of ophthalmology Bina.2004;10,70-74.
- 31-Chorioretinitis Sclopetaria:A case repot. Journal of ophthalmology Bina.2005;10,384-387.
- 32-Incidenc e and risk factors of retinopathy of prematurity. Journal of ophthalmology Bina.2005;11,34-43.81-90.
- 33-Origin and outcome of macular edema in behcet's disease.Advances in experimental medicine and biology.2003:528,349-353.
- 34-Topical aminocaproic acid to prevent rebleeding of traumatic hyphema.European journal ophthalmology.2003 :13(No.1),
- 35-Scleral buckling versus primary vitrectomy in pseudopnacic retinal detachment. Acta Medica Iranica,2004; Vol.42, No.2
- 36-Yag laser hyalodotoy in premacular subhyaloed hemorrhage. Iranian Archive of Medicine 2004; Vol.7, No.3.
- 37- Subthreshold KTP-laser (532 nm) macular grid photocoagulation to treat nonexudative age-related macular degeneration: a 1-year prospective pilot study. The Journal of the Iranian society of ophthalmology. 2005; Vol.17, No.4.
- 38 Multifocal electroretinography in the evaluation of eyes with branch retinal vein occlusion., The Journal of the Iranian society Ophthalmology.2005;18;(No.1),91-97.

- 39- Scleral buckling versus primary vitrectomy in pseudo phakic retinal detachment (phase1). *Ophthalmology*. 2005; Vol.112, No.9. (As a member of the study group)
- 40-Evaluation of responses to PRP in PDR patients and role of some systemic factors on it. *The Journal of the Iranian society of Ophthalmology*.2005; 18;(No.2),1-6.
- 41-Factors affecting poor visual outcome in patients with posterior segment intraocular foreign bodies in Farabi hospital from 1992to2001. *The Journal of the Iranian society of Ophthalmology*.2005; 18 ;( No.2), 83-87.
- 42-Primary scleral buckling for rhegmatogenous retinal detachment and the factors influencing anatomic and visual outcome. *The Journal of the Iranian society of Ophthalmology*.2005; 18 ;( No.2), 56-64
- 43-Comparisons of vitrectomy with and without internal limiting membrane (ILM) peeling for full thickness macular hole. *The Journal of the Iranian society of Ophthalmology*.2005; 18 ;( No.4), 68-75.
- 44-Vitrectomy for persistent diabetic macular edema. *The Journal of the Iranian society of Ophthalmology*.2005; 18 ;( No.4), 27-34.
- 45-Long-term surgical outcome in posterior choroidal melanoma treated by endoresection. *Acceptance for publication in Retina: 2007; 27:908-914*
- 46-Assessment of intravitreal triamcinolone on cystoid macular edema in branch retinal vein occlusion. *The Journal of the Iranian society of Ophthalmology*.2006; 19(No.5), 1-5
- 47-Effect of intravitreal triamcinolone on visual acuity and macular thickness in macular edema associated with nonischemic central retinal vein occlusion *The Journal of the Iranian society of Ophthalmology*.2006; 19(No.5), 6-11
- 48-Single-session photodynamic therapy combined with intravitreal bevacizumab and triamcinolone for neovascular age-related macular degeneration. *BMC Ophthalmology* 2007, 7:10 doi: 10.1186/1471-2415-7-10
- 48-Therapeutic effect of macular grid photocoagulation in treatment of nonexudative age related macular degeneration. *Archive of Iranian medicine; 2007:14 19.*
- 48-Topical sodium diclofenac during panretinal photocoagulation in patient. *Bina journal* 2007; 12:435
- 49) Comparison of vitrectomy with and without internal limiting membrane (ILM) Peeling for full thickness macular hole. *Iran. J. Ophthalmol.* Vol 18. Num 4. 2006.
- 50) Tissue plasminogen activator versus aspirin in central retinal vein occlusion. *Iran. J. Ophthalmol.* Vol 19. Num 3. 2006.
- 51) Pars plana vitrectomy in rhegmatogenous retinal detachment-A survey of 230 eyes. *Iran. J. Ophthalmol.* Vol 19. Num 4. 2007.
- 52) Vitrectomy for diffuse refractory diabetic macular edema associated with a taut premacular posterior hyaloids. *Bina J Ophthalmol* 2006; 12 (1): 6- 13.
- 53) Comparison of the effect of adjuvant 5-fluorouracil, low molecular weight heparin and daunomycin in combination with triamcinolone during vitrectomy in advanced retinal detachment. *Iran. J. Ophthalmol.* Vol 20. Num 1. 2008.

54) Intravitreal Gentamycine and Clindamycin to prevention of traumatic endophthalmitis a clinical trial. Iran. J. Ophthal. Vol . Num .

55) Intravitreal triamcinolone for treatment of refractory diabetic macular edema. Bina J Ophthalmol 2007; 12 (2): 132- 140.

56) Prevalence and risk factors of retinopathy of prematurity in very low birth weight or low gestational age infants. Bina J Ophthalmol 2007; 12 (4): 428- 434.

57) Topical sodium diclofenac during pan- retinal photocoagulation in patients with proliferative diabetic retinopathy. Bina J Ophthalmol 2007; 12 (4): 435- 439.

58) Frequency and severity of retinopathy of prematurity: singleton versus multiple- births. Bina J Ophthalmol 2007; 12 (4): 421- 427.

59) Norrie disease gene mutation in an Iranian population of neonates with advanced retinopathy of prematurity. Bina J Ophthalmol 2007; 13 (2): 221- 216

Oral presentation

A-Many oral presentations in Iranian annually seminar and congress of Ophthalmology since 1988 until now.

B- Oral presentations in international congress:

UAE 1998: Internal resection of posterior choroidal melanoma (a report on 10 cases).

UAE 1998: Laser photocoagulation in the management of sensory retinal detachment associated with optic nervehead pit.

Egypt: 1999: Retinoblastoma in Iran.

South Korea 2000: Visual results of pars plana vitrectomy in behcet,s disease.

Turkey SOE 2001: Evaluation of responses to PRP in PDR patients and role of some systemic factors on it.

Spain SOE 2003: Long term results of endoresection of posterior choroidal melanoma. Journal of ophthalmology.

Turkey 2004: -A survey on visual impairment and blindness in children from retinopathy of prematurity.

Turkey 2004: Incidence and risk factors of retinopathy of prematurity in Iran.

Germany SOE 2005: Subtenon Carboplatin in the managaent of retinoblastoma.

Poster presentation

The Netherland ICO1998: Risk factors for AMD.

Turkey SOE 2001: Topical aminocaproic acid to prevent rebleeding of traumatic hyphema.

Australia ICO 2002: Intravitreal Carboplatin in the management of intraocular retinoblastoma.

France ESCRS 2004: Color Vision in axial high myopia.

Brasil ICO2005: Subthreshold KTP-laser (532 nm) macular grid photocoagulation to treat nonexudative age-related macular degeneration:

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