

## **SHAMIM A. HAJI, M.D**

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Jensen Beach, FL 34957  
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### **MEDICAL EDUCATION**

Graduated from Govt. Medical College, Srinagar, Kashmir University, India

### **ECFMG CERTIFICATION**

ECFMG certified  
Cleared USMLE Step 1, Step 2 and Step 3

### **VISA STATUS**

Permanent Resident (Green Card)  
Applied for citizenship 11/09

### **POST GRADUATION TRAINING**

Currently completing clinical fellowship in Glaucoma and Medical Retina at East Florida Eye Institute with **Ronald E. P. Frenkel, M.D.** (MEEI/Harvard Medical School Trained)

July 2007 to June 2008-----One year pre-residency fellowship at Interfaith Osteopathic Ophthalmology Program, Brooklyn, NY

July 2005 to June 2007-----Two years pre-residency fellowship at SUNY Downstate Medical Center Ophthalmology Program, NY

July 2004 to June 2005.....One year Prelim Surgery at New-Presbyterian Hospital-Weill Cornell Medical Center, New York, NY

*February 2000 to June 2004.....Clinical Research Fellow in Cornea and Refractive Surgery at Mount Sinai School of Medicine, Dept. of Ophthalmology, New York, NY*

#### **CURRENT RESEARCH INTEREST:**

- Continuous Monitoring of IOP in Glaucoma
- Early Diagnosis of Glaucoma-Ocular Blood Flow -Confocal Scanning Laser Doppler Flowmetry
- Circadian Variations in Systemic Blood Pressure-Ocular Perfusion Pressure: Risk Factors for Glaucoma and its Progression?
- Role of Fundus Autofluorescence (FAF) Imaging in Understanding the Natural History of AMD
- Intravitreal AntiVEGF for Exudative AMD and Diabetic Retinopathy

#### **PUBLICATIONS**

1. **Haji SA, Frenkel M, Frenkel RP. *The Effect of Prophylactic Use of IOP Lowering Medication on IOP Spikes after Intravitreal Injections.*** Accepted for publication in the Archives of Ophthalmology
2. **Haji SA, Frenkel RE. *Hyperbaric Oxygen (HBO) Therapy for the Treatment of Radiation-Induced Macular Ischemia.*** Accepted for publication in the Clinical Ophthalmology Journal
3. **Haji SA, Brocks D, Fahim MM, Asbell PA. *Corneal Topography in Conductive Keratoplasty (CK).*** Journal of Refractive Surgery 2004; Vol 20(4):329 to 336
4. **Haji SA, Ramonas K, Potapova N, Asbell PA. *Intraoperative Correction of Induced Astigmatism After Spherical Correction of Hyperopia With Conductive Keratoplasty.*** Eye & Contact Lens: Science & Clinical Practice. 2005; 31(2):76-79
5. Magid M Fahim, **Shamim Haji**, Chakravarthy V Koonapareddy, Vincent C Fan, and Penny A Asbell *Fluorophotometry as a diagnostic tool for the evaluation of dry eye disease.* BMC Ophthalmology 2006, 6:20 doi:10.1186/1471-2415-6-20
6. Gore DM, **Haji SA**, Kikolski S, Dualan, IJ, Gordon RE, Friedman AH, Asbell PA. *Light and Electron Microscopy of Macular Corneal Dystrophy.* Published in Digital Journal of Ophthalmology April, 2004

7. Potapova, N, Wang G, **Haji SA**, Asbell PA. *Corneal topography in Corneal Refractive Therapy (CRT): A 1-Month Follow-up*. Eye & Contact Lens: Science & Clinical Practice 2004; 30(3):166-168
8. Sokol J, Tommaro Y, **Haji SA**, Brodie S, Asbell PA. *Conductive Keratoplasty and the Coupling Phenomenon*. Eye & Contact Lens: Science & Clinical Practice 2005; 31(3):111-116
9. Frenkel MP, Frenkel RP, **Haji SA**. *The Effect of Prophylactic Use of IOP Lowering Medication on IOP Spikes After Intravitreal Injections*. Invest. Ophthalmol. Vis. Sci. 2009 50: E-Abstract 5020
10. Hussein H, Henderson SC, Reid–Nicholson M, Epstein S, Balashanmugam A, **Haji SA** Potapova N, Neatrou GP, Gordon RE, and Asbell PA. *Electron Microscopic and Histological Evaluation of Lamellar channel deposits on ICRS Explant from human Eyes*. Invest. Ophthalmol. Vis. Sci. 2004 45: E-Abstract 171
11. **Haji SA**, Asbell PA. *Stability of Corneal Shape After Conductive Keratoplast (CK)*. Investigative Ophthalmology and Visual Science (Suppl.) 44(4):S2567, **2003**
12. **Haji SA**, Dualan IJ, Mosaed S, Fahim MM, Ahmad SM, Asbell PA. *Conductive Keratoplasty: Changes in the cornea seen by Ultrasound Biomicroscopy (UBM)*. Investigative Ophthalmology and Visual Science, 43: S4120, **2002**
13. **Haji SA**, Attia H, Gauntt C, Kim EE, Asbell PA. *The effect of INTACS on corneal Asphericity*. Investigative Ophthalmology and Visual Science, **2001**
14. Fuhrman M, **Haji SA**, Dualan IJ, Asbell PA. *INTACS for Keratoconus*. Investigative Ophthalmology and Visual Science, 43:S3236, **2002**
15. Dualan IJ, **Haji SA**, Brocks D, Asbell PA. *Corneal Topography After Conductive Keratoplasty (CK)*. Investigative Ophthalmology and Visual Science, 43:S141, **2002**
16. Kikolski SG, Gordon RE, **Haji SA**, Asbell PA. *Lamellar Channel Deposits Associated with ICRS Imaged by Scanning Electron Microscopy*. Investigative Ophthalmology and Visual Science (Suppl.) 44(4):S2568, **2003**
17. Kim EE, **Haji SA**, Ramos-Esteban J, Gauntt C, Attia H, Asbell PA. *High Frequency Ultrasound Biomicroscopy Imaging of Corneal Architecture and Anterior Chamber Angle Changes Induced by Intrastromal Corneal Ring Segement Placement*. Investigative Ophthalmology and Visual Science, **2001**
18. Fahim MM, Fuhrman M, Dualan IJ, **Haji SA**, Ahmad SM, Asbell PA. *Fluorophotometry of Corneal Epithelium Permeability as an Objective Diagnostic Tool for the Evaluation of Dry Eye patients*. Investigative Ophthalmology and Visual Science, 43: S3889, **2002**

19. Ahmad SM, Fuhrman M, Fahim MM, Dualan IJ, **Haji SA**, Nedjar ML, Asbell PA. *Calculation of IOL Power following INTACS*. Investigative Ophthalmology and Visual Science 43: S4125, **2002**
20. **Haji SA**, Potapova N, Hussein H, Wang G, Balashanmugam A, Asbell P. *Intrastromal Corneal Rings (INTACSTM, 360° ring) for myopia: 10 year follow-up*. Investigative Ophthalmology and Visual Science 2004
21. Balashanmugam A, **Haji SA**, Potapova N, Wang G, Asbell P. *Relationship of Refractive Error and Higher Order Aberrations Utilizing Dynamic Skiascopy Wavefront Imaging*. Invest. Ophthalmol. Vis. Sci. 2004 45: E-Abstract 185.
22. Wang G, Epstein S, Potapova N, **Haji SA**, Asbell PA. *Corneal epithelial wound healing in rabbit eyes in response to an externally applied electric field*. Invest. Ophthalmol. Vis. Sci. 2004 45: E-Abstract 1430
23. A R.Elbash, E.Smith, S.Haji, A.Shrier, P.Berg, E.Eid *Antimicrobial Activity of Fourth Generation Fluoroquinolone Soaked Acrylic Intraocular Lenses*. Invest. Ophthalmol. Vis. Sci. 2007 48: E-Abstract 1058.

#### **PAPERS SUBMITTED FOR PUBLICATION**

1. **Haji SA**, Frenkel RE, Latina M, Waronicki B, Frenkel MP. *Effect of Dose Titration of Bimatoprost on the Incidence and Severity of Conjunctival Hyperemia*. Submitted to the IOVS Journal.
2. **Haji SA**, Frenkel RE, Latina M. *Evaluation of a New Standardized Image Acquisition for Scanning Laser Doppler Flowmetry*. Submitted to the British Journal of Ophthalmology (BJO)
3. **Haji, SA**, Frenkel, Ronald. *IOP Spike after Intravitreal Injection of Anti-VEGF Drugs in Phakic vs Pseudophakic Eyes*. Submitted to the Archives of Ophthalmology Journal
4. Frenkel RE, La M, Frenkel MP, **Haji SA**, Angela Reyes, Toler AR. *The Retina Surgeon's Intravitreal Injection Learning Curve*. Submitted to the IOVS Journal

#### **BOOK CHAPTER**

**Continuous Monitoring of Intraocular Pressure: The Glaucoma Book** (to be edited by John Samples, MD and Paul Schacknow, MD)

REP Frenkel, MD, FACS<sup>1, 2,3</sup>, MPC Frenkel <sup>2</sup>, SA Haji, MD <sup>2,3</sup>, A R Toler, OD, FAAO <sup>2,3</sup>,  
<sup>1</sup>Bascom Palmer Eye Institute, University of Miami School of Medicine, Miami, FL; <sup>2</sup>Eye  
Research Foundation, Stuart, FL; <sup>3</sup>East Florida Eye Institute, Stuart, FL;

## PAPERS REVIEWED FROM MAJOR OPHTHALMOLOGY JOURNALS

1. Reviewed paper on *Intravitreal Injection* from the Journal of Ophthalmology with Dr. Frenkel. October 2008
2. Reviewed paper on *Glaucoma Surgery* from Archives of Ophthalmology with Dr. Frenkel. April 2009
3. Reviewed paper from the Journal of Ophthalmology with Dr. Frenkel. November 2009

## PRESENTATIONS:

1. Haji SA, Frenkel R. *The Effect of Acute IOP Rise on Retinal Capillary Blood Flow*. Accepted for presentation at the AGS 2010 Annual Meeting.
2. Haji SA, Frenkel R. *Phakic Eyes Have a Higher Risk of Developing Immediate IOP Spikes After Intravitreal (IVT) Injection of Anti-VEGF Drugs...* Submitted to 2010 ARVO Annual Meeting.
3. Frenkel R, Haji SA. *Reproducibility of a New Optic Nerve and Sectoral Neuroretinal Rim Damage Assessment Scale in Patients with Glaucoma...* Submitted to 2010 ARVO Annual Meeting.
4. Haji SA, Frenkel MP, Frenkel RP. *How Sensitive is Ophthalmoscopy in Detecting Optic Disc Hemorrhages In Clinical Practice?* Presented at World Glaucoma Congress Meeting, Boston, 2009
5. Haji SA, Frenkel RP, Latina MA, Waronicki B, Frenkel MP, Toler A. *Effect of Dose Titration of Bimatoprost on the Incidence of Hyperemia*. Presented at World Glaucoma Congress Meeting, Boston, 2009
6. Haji SA, Dualan IJ, Asbell PA. *Summary of United States Results of the Treatment of Presbyopia with Conductive Keratoplasty (CK)* CLAO Annual Meeting, 2003.
7. Haji SA, Brocks D, Dualan IJ, Fahim MM, Asbell PA. *Corneal Topography in Conductive Keratoplasty (CK)*. CLAO Annual Meeting, 2002
8. Haji SA, Sokol J, Tommaro Y, Asbell PA. *Intra-operative Treatment of Induced Astigmatism Post Conductive Keratoplast (CK)*. CLAO Annual Meeting, 2004

9. Potapova P, **Haji SA**, Kam J, Wang G, Asbell PA. *Corneal topography in Corneal Refractive Therapy (CRT)*. CLAO Annual Meeting, **2004**
10. Sokol J, **Haji SA**, Tommaro Y, Brodie S, Asbell PA. *Conductive Keratoplasty and Coupling Phenomenon*. CLAO Annual Meeting, **2004**
11. Gauntt C, **Haji SA**, Ucakhan O, Kim EE, Asbell PA. *Predictability in INTACS*. CLAO Annual Meeting, **2001**
12. Wang G, Potapova N, **Haji SA**, Asbell PA. *Wavefront analysis (3D-Wave) of CRT lenses*. CLAO Annual Meeting, **2004**
13. Ahmad SA, Dualan IJ, Yruma E, Fahim MM, **Haji SA**, Asbell PA. *IOL Power Calculations after INTACS*. CLAO Annual Meeting, **2002**
14. Fahim MM, MD, Dualan IJ, Fuhrman M, Ahmad SA, **Haji SA**. *Fluorophotometry as an objective Diagnostic tool for the evaluation of clinically significant Dry Eye*. CLAO Annual Meeting, **2002**
15. Kim EE, Shapiro JP, Nurozler M, **Haji SA**, Ucakhan O, Asbell PA. *Pachymetry as a factor in predicting outcome of Intacs*. The International Society of Refractive Surgery of the American Academy of Ophthalmology (ISRS) **2000**

## FEATURED PRESENTATION

### *Summary of United States Results of the Treatment of Presbyopia with Conductive Keratoplasty (CK)*

The Best of CLAO Research Symposium-Anterior Segment.....Presented at 2003 CLAO Annual Meeting at Orlando, FL.

### *United States Multicenter Trial on Conductive Keratoplasty (CK) for Correcting Spherical Hyperopia: Results of Two-Year Follow-Up*

The Best of CLAO Research Symposium-Anterior Segment..... Presented at 2003 CLAO Annual Meeting at Orlando, FL.

## CLINICAL TRIALS:

**Alcon, Inc.**, A Dose Volume Study of Anecortave Acetate in patient with Primary Open Angle Glaucoma And Ocular Hypertension.....enrollment closed

**Allergan, Inc.**, Brimonidine DDS for glaucomatous optic neuropathy...currently enrolling

**Allergan, Inc.**, Combigan vs Xalatan study.....currently enrolling

**Ista, Pharm.** Bromfenac ophthalmic solution for post cataract inflammation...Enrollment closed

**Genentech, Inc.,** Lucentis IVT injection for Wet AMD...currently enrolling

**Allergan, Inc.,** A multicenter, open label Phase 3 study evaluating the safety of Cyclosporine 0.1% ophthalmic suspension used twice daily in patients with moderate to severe keratoconjunctivitis sicca. **Approved by FDA**

**LaserSight Technologies, Inc.,** LaserSight Excimer Compak-200/Laserscan 2000) Testing of a new laser system for photorefractive keratectomy in myopia **Approved by FDA**

**KeraVision, Inc.,** Evaluation of Intrastromal Corneal Ring Segments (ICRS) in Myopia Protocol 96-C-1006, 1009, 1012-01, 1012-02 **Approved by FDA**

**Bausch and Lomb, Inc.,** Evaluation of the safety and efficacy of the Bausch & Lomb RD-677 contact lens when worn on a 30 day extended wear basis compared to the Acuvue contact lens when worn on a 7 day extended wear basis **Approved by FDA**

**Refractec, Inc.,** Evaluation of Radio Frequency Keratoplasty for the Treatment of Hyperopia Phase 3 trial **Approved by FDA April 2002**

**Refractec, Inc.,** Evaluation of Radio Frequency Keratoplasty for the Treatment of Presbyopia Phase 3 trial

**Biomatrix, Inc.,** Evaluation of Hylashield CL Lubricating & Rewetting Drop for Patients Wearing Soft Contact Lenses.

**Santen, Inc.,** Evaluation of Levofloxacin Ophthalmic Solution for the Treatment of Bacterial Keratitis

**Inspire Pharm Inc.,** Evaluation of INS365 Ophthalmic Solution for the Treatment of Dry Eye Disease

**Redox, Inc.,** Evaluation of the safety of CTC-96 (an anti-viral eye drops) in healthy volunteers.

**Allergan, Inc.,** Evaluation of a new eye drop emulsion (Endura) for the treatment of dry eye disease.

**HOYA Healthcare Corp.,** Clinical study of an Acrylic Posterior Chamber Intraocular Lens (yellow tinted lens) following Cataract Extraction.

**Otsuka Maryland Research Institute, Inc. (OMRI):** Evaluation of Rebamipide Ophthalmic Suspension in the Treatment of Dry Eye Disease.

**Daiichi Pharm Corp.,** Evaluation of Safety and Efficacy of Cevimeline Hydrochloride in the treatment of Dry Eye Syndrome Following Refractive Eye Surgery by LASIK.

**Sucampo Pharmaceutical.,** Evaluation of Tacrolimus eye drops in the treatment of Dry Eye Disease

### **CLINICAL TRIALS EXPERIENCE:**

Study initiation, including protocol, budgets, contracts, IRB, other approvals, etc.

Subject recruitment, screening of participants, study enrollment, preparing forms, maintaining documents, scheduling research visits, and maintaining relevant financial records. Data management (case report forms, source documents, etc.)

Write or review human subjects consent forms in compliance with applicable regulations

Implement research protocol and monitor participant adherence to protocol; take action to correct problems such as deviation from protocol requirements; verify accuracy of research data

### **AWARDS**

Recipient of 2001 Young Investigators Award in the field of research from Bausch & Lomb at CLAO Annual Meeting 2001

Recipient of 2002 Young Investigators Award in the field of research from Bausch & Lomb at CLAO Annual Meeting 2002

Recipient of 2003 Young Investigators Award in the field of research from Bausch & Lomb at CLAO Annual Meeting 2003

### **COURSES AND CERTIFICATIONS:**

Phaco Course at Philadelphia Feb. 2008 sponsored by Alcon

Moria MicroKeratome Course, November 2001

Solving the Clinical Research Puzzle- Two day certification course taken with ProMedica International at Boston on 18<sup>th</sup> and 19<sup>th</sup> of May, 2000.

Clinical research training course taken from The Education Branch of the IRB at Mount Sinai Medical Center on November 15, 2001.

Certified with Mount Sinai IRB to work as a study coordinator

HIPAA Certification Course March 26, 2003

Certified in BCLS and ACLS

Child abuse awareness course 2004

Infection control course 2004

**PROFESSIONAL SOCIETIES:**

American Academy of Ophthalmology (AAO)

American Glaucoma Society (AGS)

Association for Research in Vision and Ophthalmology (ARVO)

Contact Lens Association of Ophthalmologists (CLAO)

Brooklyn Ophthalmology Society

New York State Ophthalmology Society (NYSOS)

Kings County Medical Association

**REFERENCES**

Recommendation letters available on request.