

# **M. FAROOQ ASHRAF, M.D. FACS**

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**Current Position:** **Medical Director**, Atlanta Vision Clinic, Dubai, UAE.  
Atlanta Vision Institute, P.C., Atlanta , GA.

## **Previous Positions:**

- 2000-2001**     **Medical Director**, LCA Vision Centers, Atlanta, GA.
- 1996-2000**     **Assistant Professor of Ophthalmology**, The Wilmer Ophthalmological Institute, Refractive Surgery Service, Johns Hopkins University Medical School, Baltimore, Maryland.

## **Education:**

- 1995-96**     **Fellowship—Cornea/External disease and Refractive Surgery**, The Wilmer Ophthalmological Institute, Johns Hopkins University Medical School, Baltimore, Maryland.
- 1992-95**     **Residency—Ophthalmology**, The George Washington University Medical School, Washington, D.C.
- 1991-92**     **Internship—Internal Medicine**, The Christ Hospital, Cincinnati, Ohio.
- 1990-91**     **Research Fellowship- Eye Pathology, David G. Cogan, M.D.**(preceptor), National Eye Institute, National Institutes of Health, Bethesda, Maryland.
- 1986-91**     **Medical Degree**, Medical College of Ohio, Toledo, Ohio.
- 1982-86**     **Bachelor of Science—Biology**, University of Cincinnati, Cincinnati, Ohio.

## **Honors/Awards:**

- Royal College of Surgeons, Traveling Fellowship—Moorfields Eye Hospital, London, England, July 1996.
- Special Award from the Wilmer residents for Assistance with Residency Training, presented at the Wilmer Residents Assoc. Meeting, May 3, 1996.
- Fight for Sight Student Fellowship, 1990.
- Summer Student Research Grant—National Eye Institute, 1988.
- Summer Research Award—Medical College of Ohio, 1987.

- Dean's List, University of Cincinnati, 1983-86.

### **Memberships:**

- American Academy of Ophthalmology.
- Association for Research in Vision and Ophthalmology.
- Contact Lens Association of Ophthalmologists.
- American Society of Cataract and Refractive Surgery.
- Johns Hopkins Medical and Surgical Association.

### **Hospital Privileges:**

- Northside Hospital, Atlanta, Georgia.

### **Licensure:**

- Dubai
- Pennsylvania (MD-060315-L)
- Illinois (036-101732)
- Virginia (0101225813)
- Georgia (48590)
- Ohio

### **Certification:**

- Fellow American College of Surgeons, 10/99.
- Diplomate of the American Board of Ophthalmology, 12/97.
- Diplomate of the National Board of Medical Examiners, 7/92.
- Bausch & Lomb Technolas Excimer Laser Certification, 5/00
- Summit Excimer Laser Certification 9/99.
- VISX Excimer Laser Certification, 5/96.

### **Publications:**

#### ***Book Chapters:***

**Ashraf MF**, Stark WJ: McCannel Sutures and Secondary Iris-Fixated Intraocular Lenses. In: Azar DT, ed. *Intraocular Lenses in Cataract and Refractive Surgery*. Philadelphia PA, W.B. Saunders Co. 165-70, 2001.

**Ashraf MF**, Stark WJ: Complications of LASIK- Treating Corneal Opacities with PTK and Lamellar Surgery. In: Buratto L, Brint S, ed. *LASIK Surgical Techniques and Complications*. Thorofare, NJ, Slack Inc.: 177-264, 2000.

**Ashraf MF**, Stark WJ, Pantou RW, Johnson DA: Posterior Capsule Lesions: Central Ruptures, Dialysis, and Scleral Fixation Techniques. In: Stirpe M, ed. *Anterior and Posterior Segment Surgery: Mutual Problems and Common Interests*. New York, NY, Ophthalmic Communications Society, Inc.: 103-7, 1998.

**Ashraf MF**, Davis EA, Stark WJ: Recent Advances in Corneal Transplantation. In: Long DA, ed. *Cornea and Refractive Surgery*. The Hague, The Netherlands, Kugler ; 47-57, 1998.

Butrus SI, **Ashraf MF**, Azar DT: Management of Postkeratoplasty Astigmatism. In: Azar D, ed. *Refractive Surgery*. Stamford Conn.: Appleton Lange; 535-544, 1997.

**Ashraf MF**, Jain S, Azar DT: Corneal Wound Healing after Excimer Keratectomy: In Azar DT, Steinert RF, Stark WJ, eds. *Excimer Laser Phototherapeutic Keratectomy*. New York, NY, Igaku Shoin; 33-50, 1997.

**Ashraf MF**, Azar DT, Odrich M: PTK Results: VISX Excimer Laser. In Azar DT, Steinert RF, Stark WJ, eds. *Excimer Laser Phototherapeutic Keratectomy*. New York, NY, Igaku Shoin; 201-05, 1997.

Chan TK, **Ashraf MF**, Azar DT: Photorefractive keratectomy (PRK) outcomes and complications. In Azar DT, Steinert RF, Stark WJ, eds. *Excimer Laser Phototherapeutic Keratectomy*. New York, NY, Igaku Shoin; 157-74, 1997.

### **Journal Articles:**

Reviglio VE, Rana TS, Li QJ, **Ashraf MF**, Daly MK, O'Brien TP: Effects of Topical Nonsteroidal Antiinflammatory Drugs on the Expression of Matrix Metalloproteinases in the Cornea. *J Cataract and Refract Surg*. 29:989-97, 2003.

Li Q, **Ashraf MF**, Shen D, Green WR, Stark WJ, Chan CC, O'Brien TP: The Role of Apoptosis in the Pathogenesis of Fuchs Endothelial Dystrophy of the Cornea. *Arch Ophthalmol*. 119:1597-1604, 2001.

O'Brien, Li Q, Sauerburger F, Reviglio VE, Rana T, **Ashraf MF**: The Role of Matrix Metalloproteinases in Ulcerative Keratolysis Associated with Perioperative Diclofenac Use. *Ophthalmol*. 108(4):656-59, 2001.

Li Q, **Ashraf MF**, Bekoe NA, Stark WJ, Chan CC, O'Brien TP: The Role of Apoptosis in the Early Wound Healing after Excimer Laser Keratectomy in the Rat. *Graefes Arch Clin Exp Ophthalmol*. 238(10):853-60, 2000.

Chang SW, **Ashraf MF**, Azar DT: Wound Healing Patterns Following Perforation Sustained during Laser In Situ Keratomileusis. *J Formos Med Assoc*. 99(8):635-41, 2000.

Gottsch JD, Li Q, **Ashraf MF**, O'Brien TP, Stark WJ, Liu SH: Cytokine-Induced Calgranulin C Expression in Keratocytes. *Clinical Immunology*. 91:34-40, 1999.

Gottsch JD, Li Q, **Ashraf MF**, O'Brien TP, Stark WJ, Liu SH: Defensin Gene Expression in the Cornea. *Curr Eye Res*. 1998

O'Brien TP, Li Q, **Ashraf MF**, Matteson DM, Stark WJ, Chan CC: Inflammatory Response in the Early Stages of Wound Healing After Excimer Laser Keratectomy. *Arch Ophthalmol*. 116:1470-75, 1998.

David EA, **Ashraf MF**, Stark WJ: Grafts, IOLs, Donation Still Concerns with PKP. *Ophthalmological Times*. 21:1, 22-23, 1996.

Brody JM, Butrus SI, **Ashraf MF**, Rabinowitz AI, Whitmore PV: Multiple Myeloma Presenting with Bilateral Exudative Macular Detachments. *Acta Ophthalmologica*. 73: 81-82, 1995.

Brody JM, Butrus SI, Laby DM, **Ashraf MF**, Rabinowitz AI, Parenti DM: Anterior Segment Findings in AIDS Patients with Cytomegalovirus Retinitis. *Graefe's Arch Clin Exp Ophthalmol*. 233: 374-76. 1995.

Butrus SI, **Ashraf MF**, Rabinowitz AI, Laby DM, Hidayat A: Increased Numbers of Mast Cells in Pterygia. *Am. J. Ophthalmol*. 119(2): 236-37. 1995.

**Ashraf F**, Cogan DG, Kruth HS: Apolipoprotein A-1 and B Distribution in the Human Cornea. *Invest. Ophthalmol Vis Sci* 34: 3574-78. 1993.

#### **Articles and Chapters Submitted for Publication and in Preparation:**

**Ashraf MF**: Refractive Surgery-LASIK. In: O'Brien TP, McDonnell PJ. ed. *Cornea and External Disease: The Essentials*. New York, Thieme. (in prep.)

**Ashraf MF**, Rana T: Pathophysiology- Corneal Wound Healing. In: O'Brien TP, McDonnell PJ. ed. *Cornea and External Disease: The Essentials*. New York, Thieme. (in prep.)

#### **Abstracts and Presentations:**

**Ashraf MF**, Li Q, Reviglio VE, Rana TS, Green WR, O'Brien TP: Ulcerative keratolysis with perforation after postoperative diclofenac use: upregulation of matrix metalloproteinases (MMPs). *Invest. Ophthalmol. Vis. Sci. (Suppl.)* 41:S4941, 5/00.

Reviglio VE, Rana TS, Li Q, **Ashraf MF**, Daly MK, O'Brien TP: Effect of topical nonsteroidal anti-inflammatory agents on the expression of matrix metalloproteinases in the cornea. *Invest. Ophthalmol. Vis. Sci. (Suppl.)* 41:S4792, 5/00.

Daly MK, **Ashraf MF**, Adler RA, Reviglio VE, Li Q, O'Brien TP: Expression of collagen V in corneal wound healing after excimer laser PRK or mechanical keratectomy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 41:S3636, 5/00.

Rana TS, Li Q, **Ashraf MF**, Tuli S, Adler RA O'Brien TP: Allograft transplantation of cultivated corneal epithelial cells in limbal deficient rabbits: long term survival, Y chromosome, and immunohistochemical analysis. Invest. Ophthalmol. Vis. Sci. (Suppl.) 41:S3550, 5/00.

Li Q, Reviglio VE, **Ashraf MF**, Stark WJ, O'Brien TP: Corneal epithelial basement membrane abnormalities and expression of matrix metalloproteinases in corneas with Fuchs' endothelial dystrophy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 41:S1417, 5/00.

**Ashraf MF**: Diffuse Lamellar Keratitis. Presented at the Current Concepts of Ophthalmology Meeting, Wilmer Eye Institute, Johns Hopkins University, 12/9/99.

**Ashraf MF**, Li Q, Bekoe NA, Chan CC, O'Brien T: Overexpression of bax in keratocytes of the cornea with fuchs' dystrophy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 40:S3258, 5/99.

Akpek EK, Gottsch JD, **Ashraf MF**, Li Q, Bekoe NA, Liu SH: Expression of emap cytokine in fuchs' dystrophy and chromosomal localization of the emap cytokine gene. Invest. Ophthalmol. Vis. Sci. (Suppl.) 40:S2974, 5/99.

Bekoe NA, Li Q, **Ashraf F**, O'Brien T: Effects of ciprofloxacin, ofloxacin, and gentamycin on corneal cells and wound healing. Invest. Ophthalmol. Vis. Sci. (Suppl.) 40:S2895, 5/99.

Mai EL, Li Q, **Ashraf MF**, Barequet I, Stark WJ, O'Brien T: Allograft transplantation of cultivated corneal limbal cells in corneal surface reconstruction in rabbits. Invest. Ophthalmol. Vis. Sci. (Suppl.) 40:S3348, 5/99.

Stark WJ, Mai EL, Li Q, **Ashraf MF**, Tseng SC, O'Brien T: Adjunctive amniotic membrane transplant in therapy of severe experimental bacterial keratitis. Invest. Ophthalmol. Vis. Sci. (Suppl.) 40:S3645, 5/99.

**Ashraf MF**: LASIK- Unilateral or Bilateral? Presented at the Current Concepts of Ophthalmology Meeting, Wilmer Eye Institute, Johns Hopkins University, 12/98.

**Ashraf MF**, Guyton D, O' Brien TP, Stark WJ: Refractive options for presbyopia. Presented at the Wilmer Residents Association Meeting, Wilmer Eye Institute, Johns Hopkins University, 4/98.

**Ashraf MF**, McCally RL, Markham R, O' Brien TP: Potential for liberation of hiv viral particles from human corneas during excimer keratectomy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 39:S353, 5/98.

Stark WJ, **Ashraf MF**, Li Q, Daly MK, Green WR, O'Brien TP: Apoptosis in the pathogenesis of fuchs' dystrophy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 39:S201, 5/98.

Gottsch JD, Li Q, **Ashraf MF**, O'Brien TP, Stark WJ, Liu SH: Defensin gene expression in the cornea. Invest. Ophthalmol. Vis. Sci. (Suppl.) 39:S1119, 5/98.

O'Brien TP, **Ashraf MF**, Sinha A, Matteson D, Chan CC, Li Q: Upregulation of granulocyte macrophage colony-stimulating factor (GM-CSF) in corneal epithelial cells in response to excimer laser. Invest. Ophthalmol. Vis. Sci. (Suppl.) 39:S1120, 5/98.

**Ashraf MF**, Li Q, Chan CC, O'Brien TP: The role of apoptosis in acute corneal response after excimer laser keratectomy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 38:S210. 5/97.

Stark WJ, Chan CC, **Ashraf MF**, Li Q, O'Brien TP: Langerhans' cells and macrophages in response to excimer laser keratectomy. Invest. Ophthalmol. Vis. Sci. (Suppl.) 38:S210, 5/97.

**Ashraf MF**: Corneal wound healing after excimer laser keratectomy. Presented at Grand Rounds, Dept. of Ophthalmology, The George Washington University, Washington D.C., 5/9/97.

**Ashraf MF**, O'Brien TP, Li Q, Chan CC: The role of apoptosis after excimer PRK. Presented at the Wilmer Residents Association Meeting at the Wilmer Ophthalmological Institute, Baltimore Maryland, 5/3/97.

Shalash RB, Chang SW, **Ashraf MF**, Azar DT: Intraoperative and Pulsatile Ocular Pressure Measurement during ALK. Am. Acad. abstract 1996.

**Ashraf MF**, Chang SW, Shalash R, Azar DT: Expression of Matrix Metalloproteinases After Refractive Surgical Procedures. Invest. Ophthalmol. Vis. Sci. (Suppl.) 37: 4/96.

Chang SW, **Ashraf MF**, Benson RA, Prendergast RA, Azar DT: Corneal wound healing following perforated laser in situ keratomileusis. Invest. Ophthalmol. Vis. Sci. (Suppl.) 37: 4/96.

**Ashraf F**, Cogan DG, Kruth HS: Apolipoprotein A-1 and B distribution in the human cornea. Invest. Ophthalmol. Vis. Sci. (Suppl.) 32: 538-44, 4/90.

**Ashraf MF**: "The Glaucomas"—Presented at Medical Grand Rounds, VA Hospital, Martinsburg, W VA. 6/23/95.

**Ashraf MF**: "Kaposi's Sarcoma: Clinical-pathological correlation"—Presented at the National Eye Institute Pathology Conference, 5/11/90.

**Ashraf MF**, Grupp I, Grupp G: "The effects of glucose deprivation upon coronary flow in isolated rat hearts." Presented at the Medical Student Research Forum at the Medical College of Ohio, 5/12/88.