

# **Rishi V. Kumar, M.D.**

## **WORK**

**Kumar Eye Institute, PSC**  
**Owner and Director of Cataract and Glaucoma, 8/2007-present**

**Shively Area Ministry**  
**Board of Directors, 2013-present**

**Louisville Academy of Ophthalmology**  
**President, 2015-2016**  
**Vice President, 2014-2015**  
**Secretary/Treasurer, 2013-2014**

**St. Mary's and Elizabeth's Hospital**  
**Chief of Surgery, 1/2010-1/2012**

**KY1 Health**  
**Credentialing Committee Member**  
**2008-present**

**KMA Delegate, 2015**

## **EDUCATION**

**Moran Eye Center/University of Utah, 7/06-7/07**  
**Clinical Fellowship in Glaucoma, PGY-5**

**SUNY Downstate Medical Center, 7/03-7/06**  
**Residency in Ophthalmology, PGY-2-4**

**Indiana University Department of Ophthalmology, 7/02-6/03**  
**Glaucoma Research and Diagnostic Center**  
**Glaucoma Research Fellowship**  
**Mentor: Alon Harris, PhD**

**Indiana University Department of Epidemiology and Biostatistics, 8/02-6/03**  
**Epidemiology and Biostatistics**

**The George Washington University Hospital, 7/01-7/02**  
**Preliminary Medicine Internship, PGY-1**

**The George Washington University School of Medicine, 2001, M.D.**  
**Washington, DC**

**Columbia College, Columbia University, 1997, B.A.**  
New York, NY  
Concentrations: Pre-medicine and Dramatic Literature  
Dean's List (1995-1997)

#### **LICENSURE AND CERTIFICATION**

Diplomate, American Board of Ophthalmology, 2008-present  
Indiana State Medical License  
Kentucky State Medical License

#### **PROFESSIONAL ORGANIZATIONS**

Member of the American Glaucoma Society  
Member of the American Society of Cataract and Refractive Surgery  
Member of the American Academy of Ophthalmology

#### **HONORS**

Pediatric Category 1<sup>st</sup> prize poster, ASCRS 4/2007  
W. T. Gill, Jr. Research Fellowship, 2000  
Mark Millen Memorial Award in Rheumatology, 2001  
Donald H. Glew Research Poster Award, 2001  
Star Performer Award, George Washington University Hospital, 2002

#### **JOURNAL REFEREE**

American Journal of Ophthalmology  
Ophthalmology

#### **PUBLICATIONS**

##### **Book Chapters**

Harris A, Kagemann L, **Kumar R**, Dinn R. Retinal and Optic Nerve Head Oximetry. Ocular Posterior Segment Imaging. Lippincott, Williams, and Wilkens Publications. Editors: Ciulla T, Harris A, Regillo C.

Harris A, Kagemann L, **Kumar R**. Angiographic Assessment of Retinal and Choroidal Circulation. Ocular Posterior Segment Imaging. Lippincott, Williams, and Wilkens Publications. Editors: Ciulla T, Harris A, Regillo C.

Kagemann L, Harris L, **Kumar R**, Rechtman E. New Technologies for the Assessment of Retinal Circulation. Ocular Posterior Segment Imaging. Lippincott, Williams, and Wilkens Publications. Editors: Ciulla T, Harris A, Regillo C.

### Peer-Reviewed Articles

Vasavada V, Vasavada VA, Hoffman RO, Spencer TS, **Kumar RV**, Crandall AS. Intraoperative performance and postoperative outcomes of endocapsular ring implantation in pediatric eyes. *J Cataract Refract Surg*. 2008 Sep;34(9):1499-508.

Rechtman E, Harris A, **Kumar R**, Cantor LB, Ventrapragada S, Desai M, Friedman S, Kagemann L, Garzosi HJ. An update on retinal circulation assessment technologies. *Curr Eye Res*. 2003;27:329-43.

Kagemann L, Harris A, Jonescu-Cuyppers C, **Kumar R**, Sheets C, Rechtman E, Migliardi R, Garzosi HJ. Comparison of ocular hemodynamics measured by a new retinal blood flowmeter and color Doppler imaging. *Ophthalmic Surg Lasers Imaging*. 2003;34:342-7.

### Abstracts

O'Brien M, **Kumar R**. Effective Treatment of Steroid-Induced Glaucoma with Selective Laser Trabeculoplasty Following Argon Laser Trabeculoplasty: A Case Report. ASCRS Paper Presentation 2012. Control # 12-A-137-AGS

**Kumar R**, Hajee M, Brevetti T, Harris A, Choi H, Siesky B, Thompson L, Greenidge KC. Improvement of peripapillary blood flow following glaucoma treatment. AAO abstract 2005.

Hajee ME, **Kumar R**, Brevetti T, Greenidge KC, Jean-Louis G, Siesky B, Choi H, Thompson L, Kagemann L, Harris A. Increased heterogeneity in retinal blood flow of glaucoma patients. *Invest. Ophthalmol. Vis. Sci*. 2005 46: E-Abstract 3930.

Smith J, Harris A, Kagemann L, Jonescu-Cuyppers C, Siesky B, Kresovsky S, **Kumar R**, Rechtman E. Indocyanine green angiography: choroidal dye contributes to retinal assessment. *Invest. Ophthalmol. Vis. Sci*. 2004 45: E-Abstract 2426.

**Kumar R**, Harris A, Kagemann L, Rechtman E, Yee A. Retinal venous oxygen saturation unaltered with age. *Invest. Ophthalmol. Vis. Sci*. 2003 44: E-Abstract 1299.

M. Lusky, A. Harris, L. Kagemann, E. Rechtman, C. Sheets, R. **Kumar**, D. Zarfati, and L. Cantor. Blood pressure dominates IOP in effects on ocular perfusion pressure. *Invest. Ophthalmol. Vis. Sci*. 2003 44: E-Abstract 367.

McCranor L, Harris A, Kagemann L, Sheets C, **Kumar R**, Siesky B. Retrobulbar hemodynamics correlate to visual function in humans. *Invest. Ophthalmol. Vis. Sci*. 2003 44: E-Abstract 3656.

Garzosi H, Harris A, McCranor L, Kagemann L, **Kumar R**, Siesky B. Choroidal hemodynamics correlate to visual function in humans. *Invest. Ophthalmol. Vis. Sci*. 2003 44: E-Abstract 155.

Ciulla T, Harris A, Rechtman E, Kagemann L, **Kumar R**. Ocular blood flow assessment in AMD and its potential clinical applications. Invest. Ophthalmol. Vis. Sci. 2003 44: E-Abstract 3111.

Weinstein A, **Kumar R**, Fawcett P, Gibney K. Antibodies to osp-A and in-vitro inactivation of B. Burgdorferi in sera of patients receiving recombinant osp-A vaccine. Arthritis Rheum 2002;46:S62.

## **VOLUNTEER EXPERIENCE**

**Kumasi, Ghana, 4/2007**

Travelled with team of eye surgeons under the leadership of Dr. Alan Crandall, performed glaucoma surgery and small-incision cataract surgery (SICS).