



Central Florida Retina

Gokul N. Kumar, M.D.

EXPERIENCE

Partner Physician	Central Florida Retina Orlando, FL	2020 - present
Associate Physician	Central Florida Retina Orlando, FL	2016 - 2020
Medical Director	Orlando Ophthalmology Surgery Center Orlando, FL	2019 - present
Clinical Assistant Professor	University of Central Florida College of Medicine Orlando, FL	2019 - present
Fellowship, Vitreoretinal Surgery	Emory University Atlanta, GA	2014 - 2016
Clinical Instructor, Ophthalmology	Washington University in St. Louis St. Louis, MO	2013 - 2014
Residency, Ophthalmology	Washington University in St. Louis St. Louis, MO	2010 - 2013
Internship, Transitional Medicine	Riverside Regional Medical Center Newport News, VA	2009 - 2010
Medical Student Instructor	Emory School of Medicine Atlanta, GA	2014

EDUCATION

Doctor of Medicine (M.D.)	University of Illinois College of Medicine Chicago, IL	2004 - 2009
Master of Business Administration (M.B.A.)	Liautaud Graduate School of Business University of Illinois at Chicago Chicago, IL	2007 - 2009
Bachelor of Science (B.S.)	Northwestern University Evanston, IL	2001 - 2004

MEDICAL PRACTICES

Central Florida Retina
Orlando, FL
Oviedo, FL

Diseases & Surgery of
the Retina and Vitreous

2016 - present

HOSPITAL APPOINTMENTS

Orlando Health
Advent Health

Orlando, Florida
Orlando, Florida

CERTIFICATION

American Board of Ophthalmology

2014

LICENSURE

Florida

2016

MEDICAL SOCIETIES

American Society of Retina Specialists
American Academy of Ophthalmology
Florida Society of Ophthalmology

PUBLICATIONS

PEER-REVIEWED JOURNAL PUBLICATIONS

1. Varkey JB, Shantha JG, Crozier I, Kraft CS, Lyon GM, Mehta AK, Kumar G, Smith JR, Kainulainen M, Whitmer S, Ströher U, Uyeki TM, Ribner BS, Yeh S. Persistence of Ebola Virus in Ocular Fluid during Convalescence. *New England Journal of Medicine*. 2015 May 7.
2. Kumar GN, Rao PK, Apte RS. Microstructural retinal findings by spectral-domain optical coherence tomography after vitrectomy repair of rhegmatogenous retinal detachments. *Ophthalmic Surgery, Lasers and Imaging Retina*. 2015 Apr 1; 46(4):493-8.
3. Van Stavern G, Kumar G, Thuruthumaly C. Visual disturbance after bariatric surgery. *JAMA Ophthalmology*. 2015 Mar; 133(3):345-6.
4. Stock M, Kumar G, Van Stavern G. Transient blurred vision in a neurologically decompensating patient. *JAMA Ophthalmology*. 2014 Jul; 132(7): 887-8.



PUBLICATIONS (cont.)

PEER-REVIEWED JOURNAL PUBLICATIONS

5. Hsu KM, Jacobs SM, Kraus CL, Kumar GN, Mathen T, Tsai LM, Culican SM. Review of "Comparison of posterior capsular opacification and glistenings with 2 hydrophobic intraocular lenses: Five to seven-year follow-up." *EyeWorld Journal Club*. 2013 May: 57-59.
6. Winokur J, Lee J, Kumar G, Azar DT. Surgical technique of femtosecond dovetail rotational autograft. *British Journal of Ophthalmology*. 2011 Mar; 95(3):434-6.
7. Hoang QV, Simon DM, Kumar GN, Oh F, Goldstein DA. Recurrent CMV retinitis in a non-HIV patient with drug-resistant CMV. *Graefes Archive for Clinical and Experimental Ophthalmology*. 2010 May; 248(5):737-40.

TEXTBOOK CHAPTERS

1. Vollman D, Kumar G, Stock M. "Models for Quality." *Washington Manual of Patient Safety and Quality*. 1st Ed. Eds: Fondahn E et al. May 2016.
2. Namavari A, Kumar G, and Djalilian A. Stem cells and their use in regenerative therapy of the retina. In: Kennedy BN, ed. *Stem Cell Transplantation, Tissue Engineering, and Cancer Applications*. 4th Quarter, 2008.

ABSTRACT PUBLICATIONS

1. Webb L, Figueroa N, Tenewitz J, Sharma A, Kumar G, Shaikh S. Effects of Stress from COVID-19 on Chronic Central Serous Retinopathy. Submitted to ARVO 2021.
2. Kumar GN, Shantha J, Patel P, Yeh S. Functional Correlation of Optical Coherence Tomography Findings in Birdshot Chorioretinopathy. IOVS 2015.
3. Kumar GN, Kymes S, Harbour JW. A Cost-effectiveness Approach to Treatment of Medium-Sized Choroidal Melanomas. IOVS 2012.
4. Kumar GN, Lee AY, Lee CS. Refractive Surgical Outcomes of Cataract Surgeons-in-Training. IOVS 2013.

RESEARCH

1. Retina – AMD Hoffman-LaRoche AVENUE; Sub-Investigator (unmasked-injector). 2016-2018.
A multiple-center, phase III, multiple-dose and regimen, randomized, active comparator controlled, double-masked, parallel group, 36 week study to investigate the safety, tolerability, pharmacokinetics, and efficacy of an investigational product, administered intravitreally in patients with choroidal neovascularization secondary to age-related macular degeneration.
2. Retina – AMD Regeneron PANORAMA; Sub-Investigator (unmasked-injector).
2016- expected completion fall 2019. A phase III, double-masked, randomized 100 week study of the efficacy and safety of intravitreal Aflibercept injection in patients with moderately severe to severe nonproliferative diabetic retinopathy.



RESEARCH

3. Retina Findings of Diabetic Peripheral Neuropathy Patients Post Treatment; Sub-Investigator. (Retina exams) 2016-2018. A phase III, Double-Blind, Randomized, Placebo-controlled, multicenter study to assess the safety and efficacy of an investigational product administered IM in subjects with painful diabetic peripheral neuropathy.
4. Retina – AMD Hoffman-La Roche CHROMA; Sub-Investigator. 2014-2016.
A phase III, multicenter, randomized, double-masked, sham injection-controlled study evaluating the efficacy and safety of Lampalizumab administered by intravitreal injections in patients with Geographic Atrophy secondary to age-related macular degeneration.
5. Retina – AMD Ophthotech; Sub-Investigator. 2014-2016.
A phase III randomized, double-masked, controlled trial to establish the safety and efficacy of intravitreal administration of Fovista, administered in combination with Lucentis, compared to Lucentis monotherapy in subjects with subfoveal neovascular age-related macular degeneration.
6. Retina – Retinal Detachment; Sub-Investigator. 2013-2016.
OCT imaging observation project in patients with retinal detachment. Worked as project lead in a prospective case series format that led to publication.
7. Cornea; Sub-Investigator. 2013-2016.
Limbal stem cell transplant project, developing methods of corneal stem cell transplants in case of total limbal corneal cell loss.

HONORS & AWARDS

Fellow Teaching Award	2016
Drs. James and Linda Duan-Song Award for Clinical/Surgical Excellence	2013
Pepose Young Investigator ARVO Research Award	2012
Alpha Omega Alpha (AOA) Medical Honor Society	2009
James Scholar Program for Independent Study	2009
Frank Bamburger Scholarship for medical school academic excellence	2009
Beta Gamma Sigma Business School Honor Society	2009
Liautaud Scholar, UIC Liautaud Graduate School of Business	2009
Clifford Pilz Award for internal medicine excellence	2008

