Satya V.S. Reddy, M.D.
Louisiana Eye Specialists
Louisiana Cornea Specialists & Slidell Eye Specialists, APMC
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Current Position

Medical Director
Slidell Eye Specialists, APMC, Slidell, LA — January 2021 – Current
Louisiana Cornea Specialists, Covington, LA — May 2009 – Current

Faculty Appointment

Clinical Assistant Professor
Illinois Eye and Ear Infirmary, University of Illinois at Chicago, Chicago, Il 2007-2010

Previous Employment

Ophthalmologist, S.H.K. Reddy, M.D., P.S.C., Hazard, KY 2009
Cornea and Refractive Specialist, Koffler Vision Group, Lexington, KY 2005 – 2008

Education

Cornea Fellowship
Illinois Eye and Ear Infirmary — July 2005 – July 2006
University of Illinois at Chicago, Chicago, Illinois

Ophthalmology Residency — July 2001 – June 2005
Louisiana State University, New Orleans, Louisiana

Internship in Medicine — July 2000 – June 2001
Alton Ochsner Medical Foundation, New Orleans, Louisiana

Doctor of Medicine — Awarded May 2000
University of Kentucky School of Medicine, Lexington, Kentucky

Bachelor of Science (Microbiology), Arts (Economics) — Awarded May 1996
University of Rochester, College of Arts and Sciences, Rochester, New York

Awards

Omicron Delta Epsilon Economics National Honor Society
Bausch and Lomb Merit Scholar
Rochester Advantage research fellow

CLAO Young Investigator 2001, 2003, 2004

State Licenses

Louisiana	025136	7/1/2002 – Current
Illinois	36114434	8/17/2005 – 7/31/2010
Kentucky	40519	12/14/2006 – 2/28/2017

Professional Leadership

Young Ophthalmologists Section Chairperson (*1/02-1/06)*
Contact Lens Association of Ophthalmologists

Resident Section Chairperson *(11/01-11/05)*
Association of Asian Indians in Ophthalmology

Chief Resident *(2004)*
Alton Ochsner Medical Foundation

Research Experience

Sri Kiran Institute of Ophthalmology Kakinada, A.P., India (*8/04 – 11/05)*
Coordinate and analyze public ocular health data and clinical findings.

U. of Rochester Human Retinal Transplantation Team *(2/94 – 6/96)*
Conducted research concerning light-induced retinopathy and visual function in albino rats as a human model under mentorship of Manuel del Cerro.

Chapters

Phakic Keratoplasty. Corneal Surgery, 4th edition. Brightbill, W (ed.) 2008

Courses taught at International Meetings

Microsurgical Suturing Techniques. American Academy of Ophthalmology Annual Meeting, 2008-2017
Complex Anterior Segment Surgery. American Society of Cataract and Refractive Surgeons 2009-2010
Fitting the Irregular Cornea (Using hybrid and scleral RGP lenses). Contact Lens Assoc of Ophthal 2008
Uses of the Amniotic Membrane Cont act Lens. Contact Lens Association of Ophthalmologist 2008

Abstracts

S. Eldekin, A. Djalilian, E. Tu, J. Sugar, **S. Reddy**, A. Kadakia, R. Ramaswamy, O. Lopez. Outcomes of DSEAK in Patients with a Pre-Existing Anterior Chamber Intraocular Lens. *ARVO Annual Meeting 2009*

S. Sodhi, S.H.K. Reddy, **S. Reddy**. Morphological Lens Changes in Marfans Syndrome. *ARVO Annual Meeting 2009*

P. Rosenberg, M.D., **S.V. Reddy, M.D**., M. Insler, M.D. Fungal Endophthalmitis Following Pterygium Surgery. *ASCRS 2005*

S.V. Reddy, M.D., M. Madhavi, M.B.B.S. Keratometric Changes Following Minimal Incision Cataract Surgery. *ASCRS 2005*

S.V. Reddy, M.D., S. Gill, O.D. Contact Lens Prescription Patterns in Recent Gradutes. *Contact Lens Association of Ophthalmologists Annual Meeting 2004*

S.V. Reddy, M.D., Ying Huang, M.D., Hilary Thompson, Ph.D., Herbert Kaufman, M.D. Reproducibility and agreement of caliper, ultrasound, and Orbscan measurement of anterior chamber width. *Contact Lens Association of Ophthalmologists Annual Meeting 2003*

D. DiLoreto, M. del Cerro, **S. Reddy**, C. Cox, C. Little, C. del Cerro. How Many Photoreceptors Does a Rat Need to Recognize Light? *ARVO Annual Meeting 1997*

S. Reddy, M. del Cerro, Changes in Water Escape Performance Throughout Development in RCS Congenic and Dystrophic. *ARVO Annual Meeting 1996*

S. Reddy, D. DiLoreto, S. Janardhan, M. del Cerro. Water Escape Performance as a Test of Visual Function in Congenic (Normal) and Dystrophic (Visually-Impaired) RCS Rats *National Conference on Undergraduate Research 1996*.

S. Reddy, S. Janardhan, P. Charukamnoetcanok, M.R. Martzen, , D. DiLoreto, Jr., C. Little, C. Cox, J. Wyatt, M. del Cerro, G. Balkema, Watermaze Performance of RCS Dystrophic and Congenic Rats: A Functional and Histomorphometric Study. *ARVO Annual Meeting 1995*

Articles

V. Peponis, M.D., **S.V. Reddy, M.D**., P. Rosenberg, M.D., H.E. Kaufmann, M.D. The Use of Fugo Blade in Corneal Surgery: A Preliminary Animal Study. Cornea (2005)

S.V. Reddy, B.H. Koffler. The Relationship of Contact Lens, Pregnancy, and Herpes Simplex Virus. Contact Lens Association of Ophthalmologists Journal 28(2): 105-6, 2002

D. DiLoreto, M. del Cerro, **S. Reddy**, S. Janardhan, C. Cox, J. Wyatt, G. Balkema, Water Escape Performance of Adult RCS Dystrophic and Congenic Rats: A Functional and Histomorphometric Study. Brain Research 717(1-2): 165-72. (1996)

Achievements

June 2024 marks the 15 year anniversary of Dr. Reddy establishing Louisiana Cornea Specialists in south Louisiana. Over the last 15 years, Dr. Reddy has focused his practice on innovation and advancing eye care in the region. As we have grown over the decade, Dr. Reddy has completed over 10000 surgeries, growing every year.

2009

First partial thickness cornea transplant in St Tammany parish.

Dr. Reddy began routinely performing Descemet's Stripping Endothelial Keratoplasty in both Covington and Slidell. He was one of the first surgeons to develop and perform this surgery while in Chicago in 2005.

First surgeon to implant the J&J Technis ZCB00 single piece IOL

The Technis ZCB00 implant has become the leading cataract surgery implant lens in south Louisiana Dr. Reddy was the first local surgeon offered to implant this lens when it was introduced to the US market.

2010

Implantation of the Technis ZMB00 mutlifocal IOL

First surgeon in south Louisiana offered the implantation of (at that time) the newest innovation in intraocular lens technology. The ZMB00 multifocal IOL was a clear advancement in mutlifocal IOL technology at that time, and the first advancement in several years.

2011

New office to allow improved patient experience

We designed and built a new office better suited to advanced patient care.

2012

Implantable Miniature Telescope for AMD

The only surgeon certified to implant the IMT for patients with age related macular degeneration. This implant can allow significant visual improvement to patients afflicted with advance macular degeneration.

Femtosecond Laser Assisted Cataract Surgery

First St Tammany surgeon to offer and routinely perform femtosecond laser assisted cataract surgery. The femtosecond laser allows for more precision and less inflammation, allowing for quicker recovery and potentially fewer complications. As of 2019, there are 6 femtosecond lasers in the New Orleans area with numerous surgeons now offering laser cataract surgery.

2013

iStent MIGS surgery

First surgeon to perform Micro Invasive Glaucoma Surgery in south Louisiana. Dr. Reddy implanted the iStent -- the smallest FDA approved implant -- to assist in treating glaucoma.

Implant of Technis Toric IOL

First surgeon invited to implant the Technis Toric intraocular lens for the treatment of astigmatism in conjunction with cataract surgery. The Technis Toric IOL has become the leading toric implant in south Louisiana.

2014

Descemets Membrane Endothelial Keratoplasty

First surgeon to perform the latest advancment in partial thickness cornea transplant surgery. Currently the highest volume DMEK surgeon in south Louisiana.

2015

Invited to European Cornea Society conference in Barcelona

Participated in roundtable discussion regardings DMEK along with Dr Melles. Dr. Melles developed and popularized DMEK from his institute in the Netherlands.

2016

Implantation of the Symfony EDOF IOL

The Symfony IOL is a leapfrog over current IOL technologies. Rather than use "light-splitting" to improve near vision with a decrease in contrast and low-light vision, this IOL uses advanced optical techniques to extend the depth of field (EDOF), allowing more spectacle independence (freedom from glasses) after cataract surgery. This IOL has become one of the leading IOLs in the world, with no current equivalent competitor worldwide.

Intrascleral Haptic fixation of IOL

This technique, described by Shin Yamane (Japan) is becoming the leading techique for placement of an IOL in complex eyes. This technique allows for vision correction in eyes that have undergone trauma or surgical complications and a traditional intraocular lens placement is not possible. Dr. Reddy is the leading surgeon in this technique, performing several every month.

2017

Cypass MIGS surgery

First surgeon to implant the next-generation MIGS device for glaucoma treatment.

2018

Achievement Award by AAO

Presented the Achievement Award by the American Academy of Ophthalmology as recongition for over 10 continuous years of contributions to ophthalmic literature and education.

Micropulse transcleral photocoagulation for glaucoma

This non-invasive micropulse treatment for glaucoma uses a laser probe to reduce intraocular pressure, thereby either reducing eye medications or delaying invasive surgical treatment.

2019

First surgeon to offering Descemet's Stripping Only for Fuchs dystrophy.

This innovative surgery, in combination with topical medication, can improve vision in a patient with Fuchs dystrophy without the risks of a cornea transplant.

2020
First surgeon in Louisiana to implant prosthetic iris and one of 2 surgeons in the state certified to perform the surgery.

2021
Expanded into east St Tammany by purchasing the practice of David F Slagle, APMC.
Only surgeon offering laser vision correction (LASIK/PRK) performed on the Northshore, without travel to New Orleans.

2022
First Surgeon to offer Light Adjustable Lens in south Louisiana

2023
First surgeon to offer Apthera IOL.

Dr. Reddy thanks his patients, referring doctors, staff, and family for working together with the mutual goal of helping patients see better.