

Marguerite B. McDonald, MD

From 1993 until Hurricane Katrina hit New Orleans in 2005, Dr. McDonald was the Director of the Southern Vision Institute in New Orleans, Louisiana. She is a Clinical Professor of Ophthalmology at NYU School of Medicine in Manhattan, and is also an Adjunct Clinical Professor of Ophthalmology at Tulane University Health Sciences Center in New Orleans. Dr. McDonald was a Professor of Ophthalmology and Director of the Corneal Service at the LSU Eye Center, LSU Medical Center School of Medicine, New Orleans. She is currently a senior consultant for AMO and several other pharmaceutical and device companies, and was previously the Medical Director for Alcon/Summit/Autonomous. Dr. McDonald was also a principal investigator for the Chiron Technologies (now Bausch and Lomb) and Nidek EC 5000 lasers. Dr. McDonald has been board certified by the American Board of Ophthalmology.

Dr. McDonald received her medical degree from Columbia University College of Physicians and Surgeons, followed by an internship at Lenox Hill Hospital and ophthalmology residency at Manhattan Eye Ear and Throat Hospital/Cornell, both in New York City, and a fellowship in corneal and external diseases with Dr. Herbert E. Kaufman at the LSU Eye Center in New Orleans. Dr. McDonald joined the faculty at the LSU Eye Center in 1981. Dr. McDonald has been the principal investigator of three National Eye Institute grants for the study of refractive surgery: radial keratotomy [at the LSU Clinical Center for the Prospective Evaluation of Radial Keratotomy (PERK) study], epikeratophakia, and excimer laser photorefractive keratectomy, as well as numerous industrial grants. In New Orleans, Dr. McDonald headed the research team investigating the use of the excimer laser for the correction of optical error, and in 1987, performed the world's first excimer laser treatment to eliminate or reduce the need for glasses and contact lenses. In 1993, she performed the world's first excimer laser surgeries for farsightedness as well.

Dr. McDonald performed the world's first Summit/Autonomous wavefront-based excimer laser surgeries; these cases were also the first wavefront-based laser surgeries in the U.S. Dr. McDonald was the second physician in the United States and the third physician in the world to perform CK (conductive keratoplasty) for farsightedness. Dr. McDonald was the medical monitor of the U.S. clinical trials which led to FDA approval for CK. Dr. McDonald was also the first North American surgeon to perform Epi-LASIK in September 2003.

Dr. McDonald has been honored by selection to the editorial boards of several publications, including the Journal of Cataract and Refractive Surgery, Refractive and Corneal Surgery and the Journal of Refractive Surgery, www.journalofrefractiveurgery.com. In 1997 she was elected to the Executive Committee of the prestigious American Society of Cataract and Refractive Surgery (ASCRS), and was elected its first female president for the 2002-2003 term. For 2009-2010, Dr. McDonald is serving as the first female president of the International Society of Refractive Surgery of the American Academy of Ophthalmology (ISRS/AAO), the largest refractive surgery society in the world; she is also the medical editor of the society's official newsletter, Refractive Outlook.

Ophthalmic Consultants of Long Island, OCLI, consists of 22 doctors representing each subspecialty of ophthalmology in 6 locations throughout Long Island; in Rockville Centre, Lynbrook, Valley Stream, Stony Brook, Manhasset and East Meadow.