The Eye Residency Program

The NYMC residency program in ophthalmology trains nine residents in all aspects of medical and surgical management of ophthalmic disease. Residents spend time at both WMC and NYC Health + Hospitals/Metropolitan, the third-year resident operates an average of 3-4 days per week.

Research in Ophthalmology

The ophthalmic research program is active at NYMC. Sansar C. Sharma, Ph.D., professor of ophthalmology, leads a team of researchers who are engaged in the study of apoptosis, or programmed cell death, in the retina. The research aims to understand the specific steps during apoptosis and to develop strategies to interfere with the death signals that may contribute to the development of glaucoma and other eye disorders. Some of the published studies include the effects of surface line retinal pigment epithelial cells, the therapeutic effects of stem cells on optic nerve compression injury, and the role of steroid treatment in cataract surgery in uveitis patients. Another study reported the effect of intraventricular hemorrhage on retinal angiogenesis in preterm neonate in animal models. More than 25 publications were produced last year. The Department is also active in the area of research into corneal diseases and dry eye. Dr. Zaidman has several active investigative protocols. Dr. Wandel is working on the development of an implantable, trans-corneal glaucoma shunt. Resident research is required.

Location

New York Medical College is located on a 165-acre suburban campus shared with Westchester Medical Center, 15 miles north of New York City. The College is easily accessible by highway and is seven miles from the Tappan Zee/Governor Mario M. Cuomo Bridge. Frequent rail and bus service is available. Directions are available at www.nymc.edu/directions.

About Us

Founded in 1860, New York Medical College (NYMC) is one of the nation’s largest private health sciences colleges. A member of the Touro College and University System, NYMC is located in Westchester County, New York, and offers degrees from the School of Medicine, the Graduate School of Basic Medical Sciences and the School of Health Sciences and Practice, as well as a school of dental medicine and a school of nursing. NYMC provides a wide variety of clinical training opportunities for students, residents and practitioners. The College has a strong history of involvement in the social and environmental determinants of health and disease and special concern for the underserved.
The Department of Ophthalmology strives to be a central hub for academic experience in the community, fostering an environment of inclusiveness and lifelong learning. – Dr. Kelly Hutchison

Chair and professor of Ophthalmology, NYMC

Kenneth J. Burchett, M.D.
Clinical Associate Professor of Ophthalmology, NYMC; Chair of Ocular Pathology, WMC

Dr. Burchett is a fellowship-trained ophthalmic pathologist and a comprehensive ophthalmologist who works closely with the residents. He completed a fellowship in ocular pathology at the Armed Forces Institute of Pathology and a residency in ophthalmology at NYMC. He has received numerous awards and honors for his teaching abilities. He can be reached at Kenneth.Burchett@WMCHealth.org.