



James David Brandt, M.D.

Clinical Interests Dr. Brandt's clinical practice is limited to the diagnosis and management of all forms of glaucoma, with a particular focus on infantile and pediatric glaucoma. He participates (and offers his patients the opportunity to be involved in) clinical trials of new medical and surgical approaches to the treatment of glaucoma. Dr. Brandt is a frequent volunteer faculty member with ORBIS International, traveling worldwide to train glaucoma specialists in the management of pediatric glaucoma.

Research/Academic Interests Dr. Brandt has research interests in both the clinical and basic realms. In clinical research, he is a principal investigator in the landmark Ocular Hypertension Treatment Study and was largely responsible for one of the Study's most important findings to date, that thin corneal thickness is a risk factor for the development of glaucoma. Dr. Brandt is actively involved in large clinical trials investigating new medical and surgical treatments of glaucoma and new technologies for diagnosing the disease. In the basic research arena, Dr. Brandt is currently collaborating with Dr. Tingrui Pan of the Department of Biomedical Engineering to develop new MEMS and Nanotechnology-based devices for the diagnosis of glaucoma.

Title Vice-Chair for International Programs & New Technology
Director of the Glaucoma Service
Professor of Ophthalmology & Vision Science

Specialty Ophthalmology

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Division Ophthalmology

Center/Program Affiliation [Eye Center](#)

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Education M.D., Harvard Medical School, Boston MA 1982
B.S., Yale University, New Haven CT 1978



James David Brandt, M.D.

Internships General Surgery, University of Minnesota Hospitals, Minneapolis MN 1982-1983

Residency Ophthalmology, University of Southern California, Los Angeles CA 1985-1988

Fellowships Ophthalmic Pharmacology & Cell Biology, Harvard Medical School - Eye Research Institute, Boston MA 1983-1985
Glaucoma, Wills Eye Hospital, Philadelphia PA 1988-1989

Board Certifications American Board of Ophthalmology, 1989

Professional Memberships American Academy of Ophthalmology
American Glaucoma Society
American Medical Association
Association for Research in Vision and Ophthalmology
California Association of Eye Physicians and Surgeon
California Medical Association
Glaucoma Research Society
World Glaucoma Association

Honors and Awards Lifetime Achievement Award (American Academy of Ophthalmology, 2015)
13th Annual Clinician-Scientist Lecturer (American Glaucoma Society, 2012)
Listed in "Best Doctors in America" 1998-, 2016

Select Recent Publications Nie B, Li R, Brandt JD & Pan T. Flexible transparent iontronic film for interfacial capacitive pressure sensing. *Advanced Materials*. 2015;27(39):6055-6062

Suhr AW, Lim MC, Brandt JD, Izquierdo JC & Willits N. Outcomes of Fornix-based versus Limbus-based Conjunctival Incisions for Glaucoma Drainage Device Implant. *J of Glaucoma*. 2012;21(8):523-529.

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Gordon MO, Beiser JA, Brandt JD, Heuer DK, Higginbotham EJ, Johnson CA, Keltner JL, Miller JP, Parrish RK, Wilson MR, Kass MA. Ocular Hypertension Treatment Study Group The Ocular Hypertension Treatment Study: Baseline Factors that Predict the Development of Primary Open



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