



James D. Brandt, M.D.

Philosophy of Care

I strongly believe that the informed patient is the empowered patient. Glaucoma is more than just a number (eye pressure), it's a disease of the optic nerve that will slowly blind patients if not treated properly. By understanding the disease, patients can partner with me to decide on a treatment path that works for them.

The same goes for the parents of children with glaucoma. I can't begin to imagine how scary it is to find out that your child has a potentially blinding disease. Partnering with parents and watching their kids grow up is one of the most important (and fun!) things that I do.

Clinical Interests

Dr. Brandt is an ophthalmologist specializing in the care of patients with Glaucoma. He has been the Director of the Glaucoma Service at UC Davis since 1989 and has directed numerous clinical & surgical trials in glaucoma. Dr. Brandt has a special clinical interest in glaucoma in infants and children and teaches techniques of surgery for this rare condition worldwide.

Research/Academic Interests

Dr. Brandt's research has focused on major clinical trials in the medical and surgical management of glaucoma. He has held leadership positions in national and international Glaucoma organizations. As a volunteer with Orbis International (www.orbis.org) he has traveled to more than a dozen developing countries to care for children with glaucoma and to teach surgical techniques to local surgeons.

Title Vice-Chair for International Programs & New Technology
Professor

Specialty Ophthalmology, Glaucoma

Department [Ophthalmology & Vision Science](#)

Division Ophthalmology

Center/Program Affiliation [Eye Center](#)

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Education M.D., Harvard Medical School, Boston MA 1982



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B.S., Yale University, New Haven CT 1978

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

Residency Ophthalmology, University of Southern California / Los Angeles County Hospital / Doheny Eye Institute, Los Angeles CA 1985-1988

Fellowships Post-doctoral research fellowship (ocular cell biology), Schepens Eye Research Institute, Harvard University, Boston MA 1983-1985
Glaucoma (Clinical), Wills Eye Hospital, Philadelphia PA 1988-1989

Board Certifications American Board of Ophthalmology

Professional Memberships American Academy of Ophthalmology
American Glaucoma Society
American Medical Association
California Association of Eye Physicians and Surgeon
Childhood Glaucoma Research Network
Glaucoma Research Society

Honors and Awards Listed in "Best Doctors in America" (1998-present), 2020
Humanitarian Award, American Glaucoma Society, 2018
Lifetime Achievement Award (American Academy of Ophthalmology, 2015
13th Annual Clinician-Scientist Lecturer (American Glaucoma Society, 2012
Senior Achievement Award, American Academy of Ophthalmology, 2004
Secretariat Award, American Academy of Ophthalmology, 2004

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Areaux RG Jr, Grajewski AL, Balasubramaniam S, Brandt JD, Jun A, Edmunds B, Shyne MT, Bitrian E. Trabeculotomy Ab Interno With the Trab360 Device for Childhood Glaucomas. Am J Ophthalmol. 2020 Jan;209:178-186. doi:10.1016/j.ajo.2019.10.014. Epub 2019 Oct 21. PMID: 31647927.

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Brandt JD, Sall K, DuBiner H et al. Six-Month Intraocular Pressure Reduction with a Topical Bimatoprost Ocular Insert: Results of a Phase II Randomized, Controlled Study. *Ophthalmology*. 2016 May 5;123(8):1685-1694. doi:10.1016/j.ophtha.2016.04.026. PMID:27157843.

Nie B, Li R, Cao J, Brandt JD, Pan T. Flexible transparent iontronic film for interfacial capacitive pressure sensing. *Adv Mater*. 2015 Oct 21;27(39):6055-62. doi:10.1002/adma.201502556. Epub 2015 Sep 1. PMID:26333011.

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Gedde SJ, Schiffman JC, Feuer WJ, Herndon LW, Brandt JD, Budenz DL; Tube versus Trabeculectomy Study Group. Treatment outcomes in the Tube Versus Trabeculectomy (TVT) study after five years of follow-up. *Am J Ophthalmol*. 2012 May;153(5):789-803.e2. doi:10.1016/j.ajo.2011.10.026. Epub 2012 Jan 15. PMID:22245458.

Brandt JD, Gordon MO, Gao F, Beiser JA, Miller JP, Kass MA; Ocular Hypertension Treatment Study Group. Adjusting intraocular pressure for central corneal thickness does not improve prediction models for primary open-angle glaucoma. *Ophthalmology*. 2012 Mar;119(3):437-42. doi:10.1016/j.ophtha.2011.03.018. Epub 2011 Jun 25. PMID:21705084.

Mochizuki H, Lesley AG & Brandt JD. Shrinkage of the scleral canal during cupping reversal in children. *Ophthalmology*. 2011 Oct;118(10):2008-2013. doi:10.1016/j.ophtha.2011.02.041.



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Weinreb RN, Zangwill LM, Jain S, Bécerra LM, Dirkes K, Piltz-Seymour JR, Cioffi GA, Trick GL, Coleman AL, Brandt JD, Liebmann JM, Gordon MO, Kass MA; OHTS CSLO Ancillary Study Group. Predicting the onset of glaucoma: the confocal scanning laser ophthalmoscopy ancillary study to the Ocular Hypertension Treatment Study. *Ophthalmology*. 2010 Sep;117(9):1674-83. doi:10.1016/j.ophtha.2010.03.044. Epub 2010 Jul 14. PMID:20633931.

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