

## Curriculum Vitae

### I. Personal Data

Name: Charles Bradley Bowman  
Date of Birth: June 6, 1962  
Citizenship: USA  
Spouse: Angela Johnson Bowman, R.N.  
Children: Andrew Charles Bowman MD  
Caroline Elizabeth Bowman  
John Bradley Bowman

### II. Professional Experience

July 1994 - present Cornea Associates of Texas, P.A.  
Clinical Assistant Professor, University of Texas  
Southwestern Medical School, Department of  
Ophthalmology.

### III. Education

1993-1994 Fellowship in Cornea, External Disease, and  
Refractive Surgery  
The Emory Eye Center  
Atlanta, Georgia  
1990-1993 Residency in Ophthalmology  
Bascom Palmer Eye Institute  
Miami, Florida  
1989-1990 Internship in Internal Medicine  
University of Utah Hospital  
Salt Lake City, Utah  
1985-1989 Doctor of Medicine Degree  
University of Oklahoma College of Medicine  
Oklahoma City, Oklahoma  
1981-1985 Bachelor of Arts Degree  
Baylor University  
Waco, Texas

### IV. Honors and Awards

Alpha Omega Alpha  
G. Rainey Williams Scholar Award at University of Oklahoma College of  
Medicine  
Heed Fellowship Recipient - 1993-94  
Listed in "Best Doctors in America", 1996-20011 editions, published  
by Woodard and White  
Selected by "D" Magazine as Best Doctors in Dallas – numerous 2005 –  
2019  
"America's Best Eye Doctors 2022" Newsweek Magazine

V. Licensure Exams

Passed F.L.E.X. summer of 1989

VI. Medical Licensures

State of Texas

VII. Board Certification

American Board of Ophthalmology – passed recertification requirements  
January 2015

VIII. Professional Memberships

American Academy of Ophthalmology  
American Medical Association  
Dallas Academy of Ophthalmology  
Texas Ophthalmological Association  
Dallas County Medical Society  
Tarrant County Ophthalmological Society  
Texas Medical Association  
International Society of Refractive Surgery  
Society of Heed Fellows  
Christian Ophthalmology Society  
American College of Ophthalmic Surgery – Founding Member

IX. Editorial Reviewer of Journal Publications

Journal of Refractive Surgery  
Cornea

X. Positions Held

Mentor Examiner, American Board of Ophthalmology  
Board of Directors – Lighthouse for Christ Eye Center and Mission,  
Mombasa, Kenya.  
Director of Eye Care – Texas Rangers Baseball Club – 1998-2007  
Board of Directors – Brother Bill's Helping Hand Mission, Dallas  
POC Committee for Cornea/External Disease/Refractive Surgery for  
American Academy of Ophthalmology – 2014-present

XI. Scientific Presentations

Gass JDM, Bowman CB, Callanan DG. Successful orally administered therapy  
in patients with diffuse unilateral subacute neuroretinitis. Presented at the  
American Ophthalmological Society Annual Meeting, May 19, 1991, Pebble Beach,  
California.

Bowman CB, Kronish JW, Quencer RM. The pathophysiology of the  
anophthalmic socket: a study of the anatomical and spatial architectural changes

of the anophthalmic socket with magnetic resonance imaging. Presented at the 27th Annual Bascom Palmer Resident's Day, June 22, 1991. Also presented at the 23rd Annual Scientific Symposium of the American Society of Ophthalmic Plastic and Reconstructive Surgery, November 7, 1992, Dallas, Texas.

Bowman CB, Huang A, Pflugfelder S, Davis JL, Miller D. Microsporidial keratitis in six patients with acquired immunodeficiency syndrome (AIDS). Presented at the 28th Annual Bascom Palmer Resident's Days, June 26, 1992. Also presented at the annual meeting of the Ocular Microbiology and Immunology Group, November 7, 1992, Dallas, Texas.

Bowman CB, Irvine WD, Rubsamen P. Primary intraocular lens implantation after traumatic cataract removal in patients with penetrating ocular trauma. Presented at the 4th Surgical Research Forum of the South Florida chapter of the American College of Surgeons, April 28, 1993. Also presented as a poster at the annual meeting of the American Academy of Ophthalmology, November 14-18, 1993, Chicago, Illinois.

Bowman CB, Thompson KP, Stulting RD. Should corneal topography be considered standard of care in refractive surgery? Presented at the Georgia Society of Ophthalmology fall meeting, November 20, 1993, Atlanta, Georgia.

Also presented at the Annual Session of the Texas Medical Association, May 19, 1995

Bowman CB. Therapeutic contact lenses. Presented at the regional meeting of CLAO, June 10, 1994, Atlanta, Georgia.

Bowman CB. Refractive Keratotomy: Present and Future. Presented at the 17th Annual Dallas Spring Ophthalmology Symposium, March 3, 1995

Bowman CB. Refractive Keratotomy and Keratoconus Suspects. Presented at the 19th Annual Meeting of the Texas Ophthalmological Association, Dallas, Texas, May 19, 1995.

Bowman CB. The State of the Art of Refractive Surgery. Presented at the Christian Ophthalmology Society Annual Meeting, Hilton Head, South Carolina. June 1995.

Bowman CB. Anterior Segment Complications of Silicone Oil. Presented at The Silicone Oil Course. Dallas, Texas. October 7, 1995.

Bowman CB. The Importance of the Herpetic Eye Disease Study. Presented at the 18th Annual Dallas Spring Ophthalmology Symposium. March 8, 1996.

Bowman CB. Radial Keratotomy vs. Photorefractive Keratectomy in Low to Moderate Myopia. Presented at the Texas Medical Association Annual Meeting. San Antonio, Texas. May 11, 1996.

Bowman CB. Update on Refractive Surgery. Presented at Update for Optometrists. Dallas, Texas. May 18, 1996.

Bowman CB, Gelender H, Beebe WE, Beebe K. Photorefractive Keratectomy (PRK) Comanagement. Sponsored by the University of Houston School of Optometry. Dallas, Texas. Sept. 8, 1996.

Bowman CB. Phototherapeutic Keratectomy. Presented at the 19th Annual Dallas Spring Ophthalmology Symposium, March 14, 1997. Dallas, Texas.

Bowman CB. Corneal Topography. Presented at Challenges in Ophthalmology, sponsored by the Dallas Chapter of the American Society of Ophthalmic Registered Nurses. June 7, 1997. Dallas, Texas.

Bowman CB. Cornea Examination for the Co-managing Optometrist. Presented at Advancing Eye Care Lecture Series. Sponsored by Britton Vision Associates. Oklahoma City, Oklahoma. January 17, 1998

Bowman, CB. Refractive Surgery: State of the Art in 1998. Presented to the Dallas Internist Club. Dallas, Texas. February 19, 1998.

Bowman, CB. Anterior Segment Trauma. Presented at Diagnostic and Therapeutic Update. Fogelson Forum, Presbyterian Hospital Dallas. April 25, 1998.

Bowman, CB. LASIK Complications. Presented at the Everett R. Veirs Lecture And Ophthalmology Conference. Scott and White Hospital. Feb.23,2001.

Bowman, CB. Ophthalmology in Kenya. Presented at the Annual ASORN meeting. June 9, 2001. Dallas, Texas.

Bowman, CB. Mycobacterial Keratitis after LASIK. Presented at TexMed2002, TOA meeting, April 19, 2002. Dallas, Texas.

Bowman, CB. Corneal External Disease in Developing Countries. Presented at the 26<sup>th</sup> Annual Christian Ophthalmology Society Meeting, July 18, 2002. Breckenridge, Colorado.

Bowman, CB. Intacs and Keratoconus. Spring Ophthalmology Symposium. Presbyterian Hospital, Dallas, Texas. April 1, 2005.

Bowman, CB. Combined Corneal Transplant and Cataract Surgery: The Corneal Triple Procedure. 29<sup>th</sup> Annual Christian Ophthalmology Society Meeting. July 7, 2005. Oklahoma City, Oklahoma.

Bowman CB. Intacs for Keratoconus. The Annual Meeting of the North Carolina Society of Ophthalmology. Asheville, N.C. September 23, 2005.

Bowman CB. Corneal Transplantation: Past, Present, and Future. The Annual Meeting of the North Carolina Society of Ophthalmology. Asheville, N.C. September 25, 2005.

Bowman CB New Treatment Modalities for Keratoconus. Annual Meeting of the Christian Ophthalmology Society, Hilton Head, SC. July 30, 2009

Bowman CB New Treatment Options for Keratoconus and Other Ectasias. 34<sup>th</sup> Annual Spring Ophthalmology Symposium. Dallas, Texas. March 31, 2012

Bowman CB. Extreme Keratoplasty: An update on pediatric keratoplasty and the Boston Keratoprosthesis. Annual Spring Ophthalmology Symposium. Dallas, Texas April 10, 2015

E-Poster 101325: Majmudar P, Rubinfeld R, McCall T, Epstein R, Bowman B, Luchs J, Perez G, Malahotra R, Trattler W. Evaluation of epithelial-on corneal crosslinking in patients ages 35 or older; ISRS Annual Meeting; Orlando, Florida; October 21-22, 2011

Rubinfeld R, Trattler W, Talamo J, Bowman B, Letko E, BerdyG, Wiley B. Retrospective evaluation of epithelial-on corneal crosslinking; European Society of Cataract and Refractive Surgeons; Milan, Italy September 8-12, 2012

## XII. Scientific Publications

Bowman CB, Farris BK. Primary chiasmal germinoma: A case report and review of the literature. *Journal of Clinical Neuro-ophthalmology* 10(1):9- 17, 1990.

McLeish WM, Bowman CB, Anderson RL: The pigtailed probe protected by silicone intubation: A combined approach to canalicular reconstruction. *Ophthalmic Surgery* 23 (4):281-283. 1992

Bowman CB, Hansen SO, Olson RJ: Noninvasive repositioning of posterior chamber intraocular lens following pupillary capture. *Journal of Cataract and Refractive Surgery* 17:843-7, 1991.

Gass JDM, Bowman CB, Callanan DG. Oral therapy in diffuse unilateral subacute neuroretinitis. *Archives of Ophthalmology*, 1992;110:675-680.

Bowman CB, Tanenbaum M, McCord CD. Chapter 12: Internal Brow Lift: Browplasty and Browpexy. In *Cosmetic Oculoplastic Surgery*, Second Edition. Edited by Allen M. Putterman, M.D. W.B. Saunders Company. pp 140-152.

Rubsamen PE, Irvine D, McCuen BW, Smiddy WE, Bowman CB. Primary intraocular lens implantation in the setting of penetrating ocular trauma. *Ophthalmology* 1995; 102:101-107

Bowman CB, Guber D, Brown CH, Curtin VT. Cutaneous malignant melanoma with diffuse intraocular metastases. *Arch Ophthalmol*. 1994. 112:1213-1216.

Bowman CB, Thompson KP, Stulting RD. Refractive keratotomy and keratoconus suspects. *J. Refractive Surgery* 1995; 11: 202-206.

Smiddy WE, Flynn HW, Bowman CB, Hutton WL, Stark WJ. Managing retained lens fragments and dislocated posterior chamber IOLs after cataract surgery. In *Focal Points: Clinical Modules for Ophthalmologists*. Vol XIV, number 7, Sept 1996.

Bowman CB, Beebe WE, Gelender H. Photorefractive keratectomy for myopia: Current Status. In *Ophthalmology Clinics of North America*, 1997. W. B Saunders.

The Herpetic Eye Disease Study Group. A controlled trial of oral acyclovir for the prevention of stromal keratitis or iritis in patients with Herpes Simplex virus epithelial keratitis. *Archives of Ophthalmol*. 1997; 115:703-712.

The Herpetic Eye Disease Study Group. Acyclovir for the prevention of recurrent herpes simplex virus eye disease. *New England J Med*. 1998; 339:300-306.

The Loteprednol Etabonate Post-Operative Inflammation Study Group 2. A double-masked placebo-controlled evaluation of 0.5% loteprednol etabonate in the treatment of post-operative inflammation. *Ophthalmology*. 1998

Oral Acyclovir for Herpes Simplex Virus Eye Disease. Effect on Prevention of Epithelial Keratitis and Stromal Keratitis. The Herpetic Eye Disease Study Group. *Archives of Ophthalmology*. 2000. 118: 1030-1034.

Gelender H., Bowman CB. Mycobacterium Keratitis after Laser in-situ Keratomileusis. *Journal of Refractive Surgery*. 2000; 16:191-195.

Khrishen Cunnusamy, Phd, Charles B Bowman, M.D., Walter Beebe, M.D., Xin Gong, M.D., R. Nick Hogan, M.D., V. Vinod Mootha, M.D. Congenital Corneal Endothelial Dystrophies Resulting from Novel De Novo Mutations. Submitted for publication.

Lass JH, et al: Cornea Preservation Time Study: Methods and Potential Impact on the Cornea Donor Pool in the United States. Cornea 2015: 0:1-8  
Yongjun Chu, Jiaxin Hu, Hanquan Liang, Mohammed Kanchwala, Chao Xing, Walter Beebe, C. Bradley Bowman, Xin Gong, David R Corey, V Vinod Mootha. Analyzing pre-symptomatic tissue to gain insights into the molecular and mechanistic origins of late-onset degenerative trinucleotide repeat disease. Nucleic Acid Research, gkaa422, <https://doi.org/10.1093/nar/gkaa422>  
Published May 28, 2020

### XIII. Clinical Trials

Collagen Crosslinking With Ultraviolet –A in Asymmetric Corneas: For Keratoconus, Pellucid, RK, and Post-LASIK Ectasia – in patients as young as age 8; Sponsored by CXLUSA; Clinicaltrials.gov identifier: NCT01024322; link: <http://Clinicaltrials.gov/show/NCT01024322>

PXL-330-CAT: Safety and Effectiveness of the PXL-Platinum 330 System for corneal cross-linking in eyes with corneal thinning conditions, Sub-Investigator, 2019-present,

Johnson & Johnson Surgical Vision, Inc.: TIOL-205-STPA; Post-Approval Study of the Tecnis Symphony Toric Lenses, Sub- Investigator, 2019-present

ZEDS: A multi-center, randomized, double-masked, placebo-controlled clinical trial of suppressive valacyclovir for one year in immunocompetent study participants with an episode of dendriform epithelial keratitis, stromal keratitis, endothelial keratitis, and/or iritis due to Herpes Zoster Ophthalmicus (HZO) in the year prior to enrollment, Sub- Investigator, 2017-present

Cornea Preservation Time Study (CPTS), Sub- Investigator, 2012-2017

CXLUSA- National corneal crosslinking study for the treatment of keratoconus, Sub- Investigator, 2010-2020

