

# William Barry Lee, M.D., F.A.C.S.

## CURRICULUM VITAE

### ***CONTACT INFORMATION***

---

Eye Consultants of Atlanta  
3225 Cumberland Boulevard, Suite 900  
Atlanta, GA 30339  
404-351-2220 EXT 1216  
Website: [www.eyeconsultants.net](http://www.eyeconsultants.net)

Piedmont Better Vision  
3193 Howell Mill Road  
Atlanta, GA 30327  
404-350-1414  
[www.piedmontbettervision.com](http://www.piedmontbettervision.com)

### ***EDUCATION***

---

University of California, Davis Department of Ophthalmology  
Cornea/External Disease/Refractive Surgery Fellow 2002-2003  
Sacramento, CA      Preceptors:      Mark J. Mannis, MD, FACS  
Ivan R. Schwab, MD, FACS

University of Kentucky Department of Ophthalmology  
Chief Resident      2001-2002

University of Kentucky Department of Ophthalmology  
Lexington, KY      1999-2002  
Ophthalmology resident      Chairman: Richard P. Mills, MD, MPH

Spartanburg Regional Medical Center  
Spartanburg, SC      1998-1999  
Internship

University of Kentucky College of Medicine  
Lexington, KY      1994-1998  
Doctor of Medicine (High Distinction)

University of Kentucky  
Lexington, KY      1990-1994 (High Distinction)  
Bachelor of Science in Biology; Minor in Chemistry

Elizabethtown High School  
Elizabethtown, KY      1986-1990 (Valedictorian)

## ***WORK EXPERIENCE***

---

- Eye Consultants of Atlanta / Piedmont Hospital 2003-present  
Cornea, External Disease & Refractive Surgery Section  
Atlanta, Georgia
- Surgical Privileges 2003- present
  - Piedmont Hospital
  - Piedmont Better Vision Refractive Surgery Center
  - Piedmont Eye Surgical Center
  - Oconee Regional Medical Center (Milledgeville, GA)
  - Medical Eye Associates (Macon, GA)
  - Southeast Eye Specialists (Chattanooga) 2007-present
  - Children's Healthcare of Atlanta 2007-present
- Clinical Instructor 2006-07  
Emory University School of Medicine  
Department of Surgical Anatomy
- Clinical Instructor 2002-03  
University of California, Davis Medical Center  
Department of Surgical Anatomy

## ***HONORS/AWARDS***

---

- Ocular Surgery News's Premier Surgeon 250 list
- Leadership Development Program, (AAO) Elected 2010
- Associate Examiner, American Board of Ophthalmology
- "Best Doctor's in America", 2009-2010
- American Medical Association's Physician Recognition Award 2007
- Consumer Research Council, "America's Top Ophthalmologists" 2007
- Fellow, American College of Surgeons
- Corneal Dystrophy Foundation Vision Award, June 2005
- Georgia Eye Bank
  - Co-Medical Director 2010- present
  - Associate Medical Director, 2006-2009
- Eye Bank of America Association, Accreditation Committee, 2006-
- EBAA Eye Bank Inspector 2006- present
- Chief Resident in Ophthalmology, 2001-2002
- CLAO 2001 Bausch & Lomb Travel Grant Award

- Department of Ophthalmology, Outstanding Senior Medical Student Award, 1998
- Academic Excellence Scholarship; UK College of Medicine, 1996
- May Trust Award for Academic Excellence; UK College of Medicine, 1995
- Golden Key National Honor Society
- Phi Eta Sigma Honor Society
- Phi Beta Kappa
- Honorable Order of Kentucky Colonels

### ***PROFESSIONAL MEMBERSHIPS***

---

- American College of Surgeons
- Association for Research in Vision & Ophthalmology
- American Medical Association
- Medical Association of Georgia
- American Academy of Ophthalmology
- Georgia Society of Ophthalmology
- The Cornea Society
- Endothelial Keratoplasty Group
- Eye Bank of America Association / The Paton Society
- Pediatric Keratoplasty Association
- Contact Lens Association of Ophthalmologists
- American Society of Cataract and Refractive Surgery
- International Society of Refractive Surgery
- University of Kentucky College of Medicine Alumni Association
- Sigma Nu Fraternity Alumnus, (University of Kentucky)

### ***APPOINTED COMMITTEES/POSITIONS***

---

- Accreditation Committee Member, Eye Bank Association of America, 2006-
  - Vice-Chairman, 20010-12
- Leadership Development Program of the AAO, Class XII
- Cornea Society, Board of Directors, 2010-
- Co-Medical Director, Georgia Eye Bank, 2009-
- Associate Medical Director, Georgia Eye Bank, 2006-2009
- Associate Examiner, American Board of Ophthalmology
- Eye Bank Committee to the AAO, 2010 -
- Ophthalmic Technology Assessment (OTA) Committee Member of the American Academy of Ophthalmology (Cornea Section), 2008-
- Chair, Cornea Section, OTA Committee, 2010-
- Officers Nomination Committee Member, EBAA, 2008-
- Research Committee Member, EBAA, 2007-

- Reviewer, Clinical Ophthalmology, 2009-
- Reviewer, Journal of AAPOS, 2003-
- Reviewer, Journal of American Clinical Nutrition, 2005-
- Reviewer, Cornea Journal, 2006-
- Reviewer, Ophthalmology Journal, 2006-

### ***LICENSURES/CERTIFICATIONS***

---

- American Board of Ophthalmology
- Kentucky Medical License – active
- California Medical License – inactive
- Georgia Medical License – active
- Tennessee Medical License – active
- Drug Enforcement Agency – full license
- United States Medical Licensure Examination - Steps I, II, and III
- ACLS -- 2006
- Excimer laser certification - Alcon Ladarwave, B & L Technolas, Nidek, VISX CustomVue, Allegretto
- Staar ICL – phakic intraocular lens implant certification; New Orleans, LA 2004
- INTACS Mini-fellowship; Agua Prieta, Sonora, Mexico, 2005
- RESTOR & Rezoom Multifocal implant certification; Atlanta, GA, 2005
- Crystalens Certification
- IntraLase & LDV Ziemer Femtosecond laser certification

### ***POST-GRADUATE CORNEA/REFRACTIVE CLINICAL FELLOWS TRAINED***

---

- 2004-2005 -- Phillip Hoopes, Jr., M.D., from Wake Forest University, Winston-Salem, North Carolina
- 2005-2006 -- Kenneth Himmel, M.D., from Baylor University College of Medicine, Houston, TX
- 2006-2007 -- Harold M. Sy, M.D., from Cook County Medical Center, Chicago, IL
- 2007-2008 -- Cameron Griffith, M.D., from Louisiana State University, Shreveport, LA
- 2008-2009 -- Kenneth C. Mathys, M.D., from University of North Carolina, Chapel Hill, NC
- 2009-2010 -- Bryan Lusk, M.D., from Georgetown University, Washington, D.C.
- 2010-2011 -- Brian Foster, M.D., from Wake Forest University, Winston-Salem, North Carolina

**PROFESSIONAL MEETING LECTURES/ INSTRUCTOR COURSES**

- Lee WB:** Eye Bank Association of America, 2010 Annual Meeting, Hilton Head, SC  
 “Serological Testing for Corneal Tissue in 2010”, Invited Faculty
- Lee WB:** 2010 European Cornea Society Annual Meeting, Venice, Italy  
 “Randomized, Controlled Trial Between DSAEK Donor Preparation Devices”
- Lee WB:** 2010 European Cornea Society Annual Meeting, Venice, Italy  
 “Cornea Society Symposium: ”
- Lee WB:** 2010 ASCRS Annual Meeting Free Paper Session, Boston, MA 2010  
 “Preferred Practice Patterns Survey of Pterygium Surgery in 2009”
- Lee WB:** World Cornea Congress VI, Invited Faculty, Boston, MA, 2010  
 “Management of Post-Keratoplasty Astigmatism”
- Lee WB:** World Cornea Congress VI, Co-Moderator, Boston, MA, 2010  
 “Endothelial Keratoplasty Session”
- Lee WB:** 2010 ASCRS Winter Update Faculty, Invited Faculty;  
 “Management Strategies for Microbial Keratitis, Cancun, Mexico
- Lee WB:** 2010 ASCRS Winter Update Faculty, Course Instructor;  
 “Management of Common Anterior Segment Disorders”, Cancun, Mexico
- Lee WB:** AAO Course Co-Instructor “AAO Café: Expert Views in Cornea”.  
 October 2009 AAO Annual Meeting, San Francisco, CA
- Lee WB:** AAO Co-instructor. Ophthalmic Microsurgical Suturing Course,  
 Course Director: Marian Macsai. 2009 AAO Annual Meeting, San Francisco, CA
- Lee WB:** Eye Bank Association of America, 2009 Annual Meeting, Seattle, WA  
 “Serological Testing for Corneal Tissue in 2009”, Invited Faculty
- Lee WB:** S.IC.S.S.O. 2009 Annual Meeting, Faculty, Sorrento, Italy (June 11, 2009)  
 “Pearls to Prevent Peril in Combined DSAEK”
- Lee WB:** Co-Instructor, ASCRS 2009, Primary Instructor: Richard S. Davidson, MD (San Francisco, CA)  
 “Optimizing Results with Presbyopic Lens Implantation”
- Lee WB:** 2009 ASCRS Winter Update Faculty, Invited Faculty;  
 “Management Strategies for Microbial Keratitis,  
 “Pearls to Avoid Peril in Herpetic Eye Disease”  
 “How to Choose the Right Multifocal IOL”, Cancun, Mexico
- Lee WB:** 2009 ASCRS Winter Update Faculty, Course Instructor;  
 “Management of Common Anterior Segment Disorders”, Cancun, Mexico
- Lee WB:** AAO Co-instructor. Ophthalmic Microsurgical Suturing Course,

- Course Director: Marian Macsai-Kaplan. 2008 Annual Meeting
- Lee WB:** AAO Course Instructor. Anterior Segment Predictors of Death. November 2008 Annual Meeting, Atlanta, GA
- Lee WB:** AAO Course Co-Instructor “AAO Café: Expert Views in Cornea”. November 2008 Annual Meeting, Atlanta, GA
- Lee WB:** AAO Cornea Day 2008 Invited Faculty Member, Atlanta, GA, April 2008  
“Descemet’s Stripping Endothelial Keratoplasty with Combined Procedures”
- Lee WB:** World Ophthalmology Congress 2008, Hong Kong; Invited Faculty AAO-Sponsored Symposium Expert Views in Cornea/External Disease “Lamellar Keratoplasty’s Return to Prominence”
- Lee WB:** ASCRS Cornea Day 2008 Invited Faculty Member, Chicago, IL. “Descemet’s Stripping Endothelial Keratoplasty: Scouting Out Dislocations”
- Lee WB:** Co-Instructor, ASCRS 2008, Course Instructor: Richard S. Davidson, MD  
“What you need to know about Crystalens Implants” (Chicago, IL)
- Lee WB:** Co-instructor. Ophthalmic Microsurgical Suturing Course, 2007 AAO Annual Meeting. Course Director: Marian Macsai-Kaplan. November 2007, New Orleans
- Lee WB:** Course Co-Instructor: “Advances in Keratoplasty” ASCRS 2007 Annual Meeting, San Diego, CA  
“Post-Keratoplasty Astigmatism Management”
- Lee WB, Sy H, Edelhauser HF.**  
”Endothelial Dysfunction in DSAEK”. Federated Societies Scientific Session (Cornea Society/Eye Bank of America Association), Las Vegas, NV, November 2007.
- Lee WB:** Co-instructor. Ophthalmic Microsurgical Suturing Course, 2006 AAO Annual Meeting. Course Director: Marian Macsai-Kaplan. November 12, 2006, Las Vegas
- Lee WB:** Emory University School of Medicine, Atlanta, GA. 2005-06 Course Co-Instructor, “Ocular Anatomy; Didactic and Dissection Course”. Department of Surgical Anatomy.
- Lee WB:** Invited Speaker, World Ophthalmology Congress, Sao Paulo, Brazil,  
“Keratoplasty Suturing Techniques”, February 20, 2006  
“Acanthamoeba Keratitis - 20 Years of Treatment”, February 24, 2006

## ***RESEARCH/PUBLICATIONS***

---

- 1) Department of Anatomy and Neurobiology, John Porter, Ph.D., Robert S. Baker, MD, Preceptors (summer, 1996) Topic: Preservation of Extraocular

Muscles in Duchenne's muscular dystrophy. Analysis of Cellular Membrane Receptors.

- 2) O'Halloran HS, Baker RS, **Lee WB**, Kielar D, Young AB. Gamma Knife(R) Radiosurgery. Its use and indications in Neuro-ophthalmology. *Neuro-ophthalmology* 1998;20:55-68.
- 3) O'Halloran HS, Pearson PA, **Lee WB**, Susac JO, Berger JR. Microangiopathy of brain, retina and cochlear (Susac's Syndrome). Five cases and a review of the literature. *Ophthalmology* 1998;105:1038-1044.
- 4) O'Halloran HS, **Lee WB**, Baker RS, Pearson PA. Ophthalmoplegic migraine with unusual features. *Headache* 1999;39:670-673.
- 5) O'Halloran HS, Baker RS, Cordahi G, Rychwalski PJ, **Lee WB**. Contractile peripapillary staphyloma. *Neuro-ophthalmology* 1999;21:173-177.
- 6) O'Halloran HS, Berger JR, Baker RS, **Lee WB**, Pearson PA, Ryan S. Papilledema as a consequence of respiratory disease. *Neurology* 1999;53:2204-2205.
- 7) **Lee WB**, O'Halloran HS, Berger JR. HIV and Bilateral Optic Atrophy. *Neuro-ophthalmology* 2000;24:461-7.
- 8) Sen HA, O'Halloran HS, **Lee WB**. Topirimate-induced myopia. *Arch Ophthalmol* 2001;119:775-7.
- 9) **Lee WB**, O'Halloran HS, Pearson PA, Sen HA, Reddy SK. Airbags and bilateral eye injury: five case reports and a review of the literature. *Journal of Emergency Medicine* 2001;20:129-34. .
- 10) O'Halloran HS, Berger JR, **Lee WB**, et al. AMPPE and central nervous system involvement: nine new cases and a review of the literature. *Ophthalmology* 2001;108:861-8.
- 11) **Lee WB**, Pearson PA, Moreman K. Central retinal artery occlusion and disc edema in a child. *JAAPOS* 2002;6:264-5.
- 12) **Lee WB**, O'Halloran HS, Berger JR. Parinaud syndrome heralding multiple sclerosis. *Neurology*. 2003;60:322.

- 13) **Lee WB**, Brandt JD, Mannis MJ, et al. Aniridia and Brachmann-de Lange syndrome: A review of ocular surface and anterior segment findings. *Cornea* 2003;22:178-80.
- 14) **Lee WB**, Mannis MJ. LASIK after Epikeratophakia. *Cornea* 2003;22:382-384.
- 15) **Lee WB**, Grossfeld PD, et al. Ocular findings in Jacobsen syndrome. *J AAPOS*. 2004;8(2):141-5.
- 16) **Lee WB**, O'Halloran HS. A report of canine tooth syndrome. *Orbit* 2004;23(1):53-57.
- 17) **Lee WB**, Mannis MJ, Garcia-Ferrer F. Superficial hypertrophic dendritiform epitheliopathy: A follow-up study. *Cornea* 2006;25:273-276
- 18) **Lee WB**, Darlington JK, Mannis MJ, Schwab IR. Dendritic keratopathy in ocular rosacea. *Cornea* 2005;24:632-633.
- 19) Alvarenga LS, Mannis MJ, Brandt JD, **Lee WB**, Schwab IR, Lim MC. The long-term results of keratoplasty in eyes with a glaucoma drainage device. *Am J Ophthalmol*. 2004;138:200-5.
- 20) Cornea Donor Study Group. Baseline Donor Characteristics in the Cornea Donor Study (CDS). *Cornea* 2005; 24(4):389-396.
- 21) **Lee WB**, Hamilton SM, Harris JP, Schwab IR. Ocular Complications from Hypovitaminosis A After Bariatric Surgery. *Ophthalmology* 2005;112:1031-4.
- 22) Cornea Donor Study Group. An Evaluation of Image Quality and Accuracy of Eye Bank Measurement of Donor Cornea Endothelial Cell Density in the Specular Microscopy Ancillary Study. *Ophthalmology* 2005; 112:431-440.
- 23) Darlington JK, **Lee WB**, Schwab IR. Corneal perforation after laser blepharoplasty. *Ophthalmic Surgery & Lasers*. 2006;37:327-9.
- 24) Reilly CD, **Lee WB**, Alvarenga LS, Caspar J, Garcia-Ferrer F, Mannis MJ. Surgical monovision and monovision reversal in LASIK. *Cornea*. 2006;25:136-8.
- 25) Cornea Donor Study Group. Clinical Profile and Early Surgical Complications in the Cornea Donor Study (CDS). *Cornea* 2006;25:164-70.

- 26) **Lee WB**, Schwab IR. Intestinal surgery a villain? You need A vitamin. *Br J Ophthalmol* 2006;90:931-2.
- 27) **Lee WB**, Himmel K. Corneal perforation with ketorolac tromethamine. *Cornea* 2006;25:1268
- 28) **Lee WB**, Himmel K, et al. Excimer Laser Exacerbation of Avellino Corneal Dystrophy. *Journal of Cataract & Refractive Surgery*. 2007;33:133-8.
- 29) **Lee WB**, McCord CS, Jr. Optimizing Blepharoplasty Outcomes in Patients with Laser Vision Correction and Dry Eye Disease. *Plastics & Reconstructive Surgery*. 2008;122:587-94.
- 30) **Lee WB**, Sy HM, Filip DJ, Grossniklaus HE. Metastatic Esophageal Adenocarcinoma Presenting in the Iris. *Am J Opth* 2007;144:477-9.
- 31) **Lee WB**, Schwab IR. Obesity and hypovitaminosis A. *Surv Opth* 2007;52:556-7.
- 32) Kim T, Roh MI, Grossniklaus HE, **Lee WB**, et al. Deposits of TGF B-Induced Protein in Granular Corneal Dystrophy type II after LASIK. *Cornea* 2008;27:28-32
- 33) **Lee WB**, O'Halloran HS, Grossniklaus HE. Pellucid marginal degeneration and bilateral corneal perforation: Report of a case and literature review. *Eye & Contact Lens* 2008;34:229-233.
- 34) Cornea Donor Study Group. Donor age and corneal endothelial cell loss 5 years after successful corneal transplantation. Specular microscopy ancillary study results. *Ophthalmology* 2008;115:627-632
- 35) Cornea Donor Study Group. The effect of donor age on corneal transplantation outcome results of the cornea donor study. *Ophthalmology* 2008;115:620-626.
- 36) **Lee WB**, Himmel K. Allogeneic serum drops for the treatment of liginous conjunctivitis. *Cornea* 2008;28:122-123.
- 37) **Lee WB**, Mannis MJ. The Return of Lamellar Keratoplasty. *Vision Panamerica* 2009;8:164-167.

- 38) Schwab IR, **Lee WB**, Bisno D. The Rainbow: From Ancient Greece to Modern Optics. *Surv Ophthalmology*. 2009;54:714-20.
- 39) Dunn SP, Stark WJ, Stulting RD, Lass JH, Sugar A, Pavilack MA, Smith PW, Tanner JP, Dontchev M, Gal RL, Beck RW, Kollman C, Mannis MJ, Holland EJ on behalf of the Cornea Donor Study Investigator Group. The effect of ABO blood I incompatibility on corneal transplant failure in conditions with low risk of graft rejection. *Am J Ophthalmol* 2009; 147: 432-438.
- 40) Powe A, Gal RL, Beck RW, Mannis MJ, Holland EJ on behalf of the Cornea Donor Study Investigator Group. The Cornea Donor Study. *Vision PanAmerica* 2009; 8:9-12.
- 41) **Lee WB**, Grossniklaus HE, Edelhauser HF. Concurrent *Acanthamoeba* and *Fusarium* Keratitis with Silicone Hydrogel Contact Lens Use. *Cornea* 2010;29:210-213.
- 42) **Lee WB**, Mathys KC. Traumatic wound dehiscence after DALK. *J Cataract Refract Surg* 2009;35:1129-1131.
- 43) **Lee WB**. Special Considerations in Combined Cataract Surgery with DSAEK. *Cat Refract Surg Today Europe*, April 2009;16-19.
- 44) Cornea Donor Study Investigator Group. Recipient Risk Factors for graft failure in the Cornea Donor Study. *Ophthalmology* 2009;116:1023-8.
- 45) **Lee WB**, Jacobs DS, Musch DC, Kaufman SC, Reinhart WJ, Shtein RM. Descemet's Stripping Endothelial Keratoplasty: Safety and Outcomes. *Ophthalmology* 2009;116:1818-1830.
- 46) Cornea Donor Study Investigator Group. Endothelial Cell Density to Predict Endothelial Graft Failure after Penetrating keratoplasty. 2010;128:63-69.
- 47) **Lee WB**, Gotay A. Bilateral *Acanthamoeba* Keratitis in Synergeyes Contact Lens Wear: Clinical and Confocal Microscopy Findings. *Eye & Contact Lens* 2010: 36:164-9.

### ***BOOKS & BOOK CHAPTERS***

---

- 1) Van Meter WS, **Lee WB**, Katz DG. Corneal Edema. In: Tasman W, Jaeger EA, eds. *Duane's Clinical Ophthalmology*, Vol. 4. Philadelphia, Lippincott Williams &

Wilkins. 2003, Chapter 16A.

2) **Lee WB**, Liesgang TJ. Herpes Zoster Keratitis. In: Krachmer J, Mannis M, and Holland E. *Cornea*, Volume 1, 2<sup>nd</sup> edition. Philadelphia, Elsevier. 2004, Chapter 84.

3) **Lee WB**, Garcia-Ferrer F. LASIK for Mixed Astigmatism. In: Krachmer J, Mannis M, and Holland E. *Cornea*, Volume 2, 2<sup>nd</sup> edition. Elsevier. 2004, Chapter 161.

4) O'Halloran, HS, **Lee WB**. Accommodative Esotropia. In: Fraunfelder, Fraunfelder. *Current Ocular Therapy*. Philadelphia, W. B. Saunders. 6<sup>th</sup> Edition, 2008, Chapter 216.

5) **Lee WB**, O'Halloran HS. Shaken Baby Syndrome. In: Roy, Fraunfelder, Fraunfelder. *Current Ocular Therapy*. Philadelphia, W. B. Saunders. 6<sup>th</sup> Edition, 2008, Chapter 160.

6) **Lee WB**, Schwab IR. Limbal Stem Cell Disease and Management. In: Agarwal A. *Dry Eye: A Practical Guide to Ocular Surface Disorders*. Thorofare, NJ, Slack, Inc. 2006. Chapter 18, pp. 219-251.

7) **Lee WB**, Schwab IR. Allergy & Medication-Induced Ocular Surface Disease. In: Agarwal A. *Dry Eye: A Practical Guide to Ocular Surface Disorders*. Thorofare, NJ, Slack, Inc. 2006. Chapter 8, pp. 77-91.

8) **Lee WB**, Mannis MJ. Corneal Suturing Techniques. In: Macsai MS, ed. *Ophthalmic Microsurgical Suturing Techniques*. Springer. 2006, Chapter 6.

9) **Lee WB**. Therapeutic Hydrogel Bandage Lenses. In: Tasman W, Jaeger EA eds. *Duane's Clinical Ophthalmology*. Philadelphia, Lippincott Williams & Wilkins Volume 4. 2007, Chapter 11.

10) **Lee WB**, Schwab IR. Ocular Surface Transplantation. In: Albert DM, Jakobiec FA, eds. *Principles & Practice of Ophthalmology*. Philadelphia, W. B. Saunders. Volume 1, 2008. pp. 871-880.

11) **Lee WB**, Schwab IR. Amniotic Membrane Transplantation. In: Dunn JP, Langer PD, eds. *Basic Techniques of Ophthalmology*. San Francisco, American Academy of Ophthalmology Publication. 2009, Chapter 9, pp 48-52.

12) **Lee WB**, Schwab IR. Cornea. In: Agarwal A, ed. *Color Atlas of Ophthalmology* 2nd Edition. New York, NY: Thieme Medical Publishers; In press for 2009.

- 13) Mannis MJ, Holland EJ, **Lee WB** (editors). Ocular Surface Transplantation: Medical and Surgical Management, 2<sup>nd</sup> edition. In preparation.
- 14) **Lee WB**, Liesgang TJ. Herpes Zoster Keratitis. In: Krachmer J, Mannis M, and Holland E. *Cornea*, Volume 2, 3<sup>rd</sup> edition. Elsevier. 2010, Chapter 80.
- 15) **Lee**. Techniques of Endothelial Keratoplasty. In: Krachmer J, Mannis M, and Holland E. *Cornea*, Volume 2, 3<sup>rd</sup> edition. Elsevier. 2010, Chapter 135.
- 16) Van Meter WS, **Lee WB**, Katz DG. Corneal Edema. In: Tasman W, Jaeger EA, eds. *Duane's Clinical Ophthalmology*, Vol. 4. Philadelphia, Lippincott Williams & Wilkins. Chapter 16A. In press for 2010

### ***ABSTRACTS***

---

Lusk BE, **Lee WB**, Lynn MJ. "DSAEK: To Cut or Not to Cut?" Federated Societies Symposium/ AAO 2009. San Francisco, CA

Bouchard CS, Rubenstein JB, Hannush SB, Tan D, Goins KM, Schultze RL, Lemley HL, **Lee WB**, Olsen H. Posterior Infectious Keratitis Following DSAEK. AAO 2009 Annual Meeting, San Francisco.

**Lee WB**, Mathys KC, Lusk BE, Jenkins C. AAO 2009 Annual Meeting, San Francisco.  
Surgical Outcomes with Precut Tissue Using the Horizon DSAEK System.

**Lee WB**, Mathys KC, Jenkins C. EBAA 2009 Annual Meeting, Seattle, WA  
DSAEK Outcomes with Precut Tissue and the Horizon DSAEK System.

Clements J, Bouchard C, **Lee WB**, et al. ARVO 2009, Fort Lauderdale, Florida. Review of Graft Dislocation Rate Associated with Descemet's Stripping Endothelial Keratoplasty (DSEK) After Primary Failed Penetrating Keratoplasty (PKP).

Golden-Waddell AM, Springs CL, **Lee WB**. ARVO 2009, Fort Lauderdale, Florida. Urrets-Zavalía Pupil after DSAEK in Patients with Blue Irides

Neff KD, **Lee WB**, Holland EJ. Comparison of Central Corneal Graft Thickness and Visual Acuity Outcomes in Endothelial Keratoplasty. ASCRS Annual Meeting, San Francisco, April 5, 2009.

Mathys KC, **Lee WB**. “Deep Anterior Lamellar Keratoplasty with the Big Bubble Technique: How Steep is the Learning Curve?” Federated Societies Symposium/ AAO

Atlanta, GA, November 7, 2008

**Lee WB**, Pastor SA. DSAEK Outcomes in Patients with Glaucoma. AAO 2007 Annual Meeting, New Orleans, LA, November 2007.

**Lee WB**, Sy HM, Holley GP, Edelhauser HF. ARVO 2007, Fort Lauderdale, Florida

“DSAEK: Intra-Operative Effects on the Donor Corneal Endothelium”

**Lee WB** et al. “LASIK and Avellino Corneal Dystrophy”, ASCRS Annual Meeting, San Diego, CA, April 2007.

Mannis MJ, Reilly CD, **Lee WB**, et al. “LASIK and Surgical Monovision” AAO Refractive Surgery Subspecialty Day, November 11, 2006.

**Lee WB**, et al. “Endothelial Dysfunction in DSAEK”. Federated Cornea Society/ Eye Bank of America Association Joint Meeting/American Academy of Ophthalmology Annual Session , Las Vegas, NV, November 2007.

**Lee WB**, et al. Pterygium Surgery and Amniotic Membrane. American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November 2007.

**Lee WB**, et al. Primary Pterygium Surgery with AmbioDry™ and Tisseel® Fibrin Glue. Presented at World Ophthalmology Congress, Sao Paulo, Brazil, 2006.

**Lee WB**, Mannis MJ. LASIK and Epikeratophakia. Presented at ASCRS, San Francisco, CA, 2003.

Reilly CD, **Lee WB**, Alvarenga L, Garcia-Ferrer F, Mannis MJ. Surgical Monovision and Monovision Reversal in LASIK. Cornea Society, Federated Scientific Session, New Orleans, LA, October 2004.

O’Halloran HS, **Lee WB**, Scher CA. Congenital Orbital Teratoma: Histopathologic Correlation and Management. NANOS, Snowbird, UT, February 2003.

**Lee WB**, O’Halloran HS, Couch DA. Corneal Autoimmune Ring after Penetrating Keratoplasty. Contact Lens Association of Ophthalmologists. Las Vegas, Nevada, March 2001.

**Lee WB**, O'Halloran HS, Berger, JR. HIV-Associated Optic Atrophy. Presented at NANOS, Copper Mountain, Colorado, February 2002.

**Lee WB**, Berger JR. A Recondite Case of Multiple Sclerosis. Presented at NANOS, Copper Mountain, Colorado, February 2002.

O'Halloran HS, **Lee WB**, Berger JR. CNS Complications of AMPPE. NANOS, Mont Tremblant, Quebec, Canada, March 2000.

O'Halloran HS, **Lee WB**, Baker RS, Pearson PA. Ophthalmoplegic Migraine with Unusual Features. NANOS. Orlando, Florida, February 1998.

### ***GRANTS / STUDIES***

---

- 1) NIH Grant, 2000-2002. Subclinical Optic Neuropathy in HIV-Infected Patients. Co-Investigator; \$300,000; PI – Richard P. Mills, M.D.
- 2) NIH Clinical Trial: Multi-Center Cornea Donor Study. Study ID: U10-EY12358, Co- Investigator
- 3) Deep Lamellar Endothelial Keratoplasty Clinical Trial: UC Davis IRB: 2002-3. Principle Investigators: Mark J. Mannis, W. Barry Lee.
- 4) Dehydrex Clinical Trial for Recurrent Corneal Erosion, Oaklawn IRB # HL2002-01, Co-Investigator, 2003-2005.
- 5) Allergan RESTORE Study. Restasis review of Efficacy and Safety vs. Tears in the relief of Dry Eye: An Observational Research Study. Principal Investigator; W. Barry Lee, M.D., 2004 – 2006.
- 6) Bausch & Lomb, EMMES Corporation. Clinical and Microbial Efficacy of 0.6% ISB-403 Compared to Vehicle & Treatment of Bacterial Conjunctivitis. March 2005. Principal Investigator – W. Barry Lee, M.D. Sponsored by Bausch & Lomb.
- 7) Addition Technology, Inc., Protocol Number HDE No. H040002, “INTACS® Prescription Inserts for Keratoconus. Principal Investigator - W. Barry Lee, M.D.
- 8) NIH Clinical Study: A Multi-Center Study to Map Genes for Fuchs Dystrophy. Study ID: R01 EY 016482. Co-Investigator.

9) Dohlman Keratoprosthesis for Restoration of Vision. Piedmont Hospital IRB-approved study. Principal Investigator. August 2005-2010

10) Acular Reform Study, 2006-2007. Principal Investigator. Study sponsored by Allergan, Inc.

11) Retrospective Case Series of DSAEK outcomes with precut tissue using the Horizon DSAEK System. Piedmont Hospital IRB-approved study.  
PI- W. Barry Lee, MD

### ***MEDIA/INTERVIEWS***

---

“Bariatric Surgery May Affect Eye Health”. EyeNet; September 2005.

Cover Story. “Early Detection Key to Reversal of Complications After Gastric Bypass.” Ocular Surgery News; October 1, 2005.

Cover Story. “Watch for Fuchs’ Dystrophy in Cataract Patients and Alter Technique Accordingly.” Ocular Surgery News; January 1, 2006.

WSBTV Channel 2- ABC Affiliate; Special Medical Report. “The Artificial Cornea Transplant” August 18, 2005

“Blindness After Gastric Bypass Surgery”. CNN Headline News; Reported by Christy Feig & Kathleen Kennedy; April 5, 2006

Atlanta Journal-Constitution & Atlanta Hospital News Press Release, July 2007: First Sutureless Corneal Transplant at Piedmont Hospital, W. Barry Lee, MD, FACS

“Contact Lenses and Corneal Infections”, CBS News Affiliate, Atlanta, GA, 2008

“Deep Anterior Lamellar Keratoplasty Gains Adherents” EyeNet, June 2009.

“The Corneal Immune Ring”. Southeast Eye Specialists Newsletter . Lee WB, Brady R.