CURRICULUM VITAE

Last Updated: 10-15-20

 Name: David K. Wallace, M.D., M.P.H.

 Academic department: Ophthalmology

Present academic rank and title: Marilyn K. Glick Professor and Chair of Ophthalmology

Specialty certification and dates: American Board of Ophthalmology (1995; recertified 2006 and 2015)

Education Institution Date Degree

 High School St. Joseph’s High School; South Bend, IN 1982

 College Indiana University; Bloomington, IN 1986 B.S.

 Medical School Indiana University School of Medicine 1990 M.D.

 Graduate School The University of North Carolina (Epidemiology) 2006 M.P.H.

Professional training and academic career:

 Institution Position/Title Dates

 Georgetown University/Fairfax Hospital Intern 1990 - 1991

 Fall Church, VA

 Cullen Eye Institute Resident 1991 - 1993

 Baylor College of Medicine Chief Resident 1993 - 1994

 Houston, TX

 Indiana University Medical Center Fellow 1994 - 1995

 Indianapolis, IN (Pediatric Ophthalmology)

 The University of North Carolina Assistant Professor 1995 - 2001

Chapel Hill, North Carolina

 The University of North Carolina Associate Professor 2001 – 2005

Chapel Hill, North Carolina

Duke University Associate Professor 2005 - 2008

Durham, North Carolina

Duke University Associate Professor 2008 - 2011

Durham, North Carolina with Tenure

Duke University Professor with Tenure 2011 - 2017

Durham, North Carolina

Indiana University Marilyn K. Glick Professor 2017-present

Indianapolis, IN and Chair of Ophthalmology

 **ACADEMIC AND ADMINISTRATIVE ACTIVITIES:**

**IU Health and IU School of Medicine**

Council of Clinical Chairs

Member, 2017 – present

Secretary, 2020

IUHP Finance Committee

Member, 2018 – present

Co-chair, 2020

Co-chair, Search Committee for Chair of Otolaryngology – Head and Neck Surgery, 2019

Co-chair of Virtual Care Ambulatory Providers Committee, 2020

IUSM Executive Committee, 2017 – present

Academic Health Center Medical Staff Executive Council, 2019 – present

IUH Virtual Care Council, 2020

 IUHP Compensation Redesign 2.0 Committee, 2020

IUSM Diversity Task Force: Data and Climate Survey, 2020

IUSM Transition to Practice Programs and Fellowships Committee, 2020

IUSM Administrative Supplement Review Work Group, 2020

Path to 90% Total Collection Effectiveness Committee, 2019 - present

Alliance of Distinguished and Titled Professors, 2018 – present

**Duke University School of Medicine and Duke Health**

Duke School of Medicine Research Optimization Committee, 2016

Advisory Committee to the Duke Office of Clinical Research, 2015 - 2017

Clinical Research Advisory Committee, 2011-2018

Clinical Research Quality Assurance and Compliance Committee, 2013-2014

Faculty Work Life Subcommittee for the Academic Mission, 2008 - 2009

Web and eBusiness Strategic Planning Committee, 2006

Medical School Admissions Committee, 2007 - 2009

Clinical Research Training Program Faculty Member, 2007 – 2018

Departmental Service (Ophthalmology):

 Vice-Chair for Clinical Strategic Planning, 2015 – 2017

 Clinical Ambulatory Operations Committee, 2015 – 2017

 Clinical Research Executive Committee, 2016

 Medical Director of Clinical Research Unit (CRU), 2011 – 2017

 Research Advisory Committee, 2015

AP&T (Promotions and Tenure) Committee, 2011 - 2017

Co-Director of Site-Based Research Program, 2010

Assistant Director of Site-Based Research (SBR) Program, 2007- 2009

 Resident Selection Committee, 2007, 2013

 Faculty Retreat Planning Committee, 2009-2011

 Internal Clinical Trial Compliance Auditing Committee, 2010 -2011

CRTP Master’s Thesis Committees, 2007, 2009, 2015

Machemer Award Committee, 2007 - 2018

Mentoring Committee, 2006 - 2012

Credentials Committee, 2006

Clinical Research Advisory Group, 2006

K12 Advisory Committee, 2006 – 2010

Electronic Medical Record Committee, 2008 – 2010

Clinical Peer Review Committee, 2011

Cornea Faculty Search Committee, 2010 – 2011

**University of North Carolina School of Medicine and UNC Hospitals**

 Faculty Representative, Alpha Omega Alpha Nominating Committee, 2000

 Member, School of Medicine Non-Tenure Track Promotions Committee, 2003 - 2005

 University of North Carolina Hospitals

Chair, Medical Information Management Committee, 1998 – 2003

Chair, Subcommittee for Internal Review of Cardiovascular Disease and Rheumatology Training Programs, 2004

Chair, Subcommittee for Internal Review of Cardiovascular Disease Training Program, 2002

Member, Medical Information Management Committee, 1995 - 2003

Member, Graduate Medical Education Advisory Committee, 1998 - 2004

Member, Information Technology Advisory Council, 1999 - 2002

Member, Continuous Quality Improvement Committee, 1995-96

Participant, UNC Hospitals Information Systems Strategic Planning Retreat, 1999

 University of North Carolina Department of Ophthalmology

 Residency Program Director, 1998 – 2004

Director of Residency Match, 1996 - 2004

 Residency Program Education Committee, 2001 – 2005 (Chair 2001 - 2004)

Quality Assurance Officer, 1995-96

Liaison to Teaching Physicians Oversight Committee, 1996 - 2000

 Communications Committee, 2001 - 2002

 Medical Records Committee, 2001 - 2002

 Website Committee, 2001 – 2002

 Referral Committee (Chair), 2001 – 2002

 Research Committee, 2002 - 2005

 Continuing Medical Education Committee, 2002 – 2003

 Electronic Medical Records Committee, 2004 – 2005

**National / Regional Leadership Positions**:

Member, Scientific Advisory Board, Knights Templar Eye Foundation, 2020

Chair, Pediatric Eye Disease Investigator Group, 2014 - 2018

Vice-Chair, Pediatric Eye Disease Investigator Group, 2009-2013

Chair, Committee for Preferred Practice Patterns in Pediatric Ophthalmology and Strabismus, American Academy of Ophthalmology, 2015 - present

Vice-Chair, AAO Ophthalmic Knowledge Base Panel (POCP) for Pediatric Ophthalmology & Strabismus

President, North Carolina Society of Eye Physicians and Surgeons, 2009

Chair, North Carolina Early Childhood Vision Care Commission

Editor, Pediatric Ophthalmology, Ophthalmic News & Education (O.N.E.) Network, Amer. Acad. of Ophth.

Senior Associate Editor, Journal of the American Association for Pediatric Ophthalmology and Strabismus, 2012-2013

Member, National Expert Panel of Universal Vision Screening for Young Children

**Professional awards and special recognitions:**

Secretariat Award, American Academy of Ophthalmology, 2018

Senior Honor Award, American Association for Pediatric Ophthalmology & Strabismus, 2014

Special Recognition Award, American Academy of Ophthalmology, 2013

Senior Achievement Award,American Academy of Ophthalmology, 2012

American Ophthalmological Society, 2007

Secretariat Award, American Academy of Ophthalmology, 2007

American Academy of Ophthalmology Leadership Development Program Graduate, 2006

Achievement Award, American Academy of Ophthalmology, 2005

 Honor Award, American Association for Pediatric Ophthalmology & Strabismus, 2004

 UNC Ophthalmology Resident Teaching Award, 2004

 UNC School of Medicine Teaching Excellence Award, 2001

 Baylor Ophthalmology Everett Goar Award for Resident Research, 1994

 IUSM Student Research Program in Academic Medicine, 1986-90

 Alpha Omega Alpha, 1989

Phi Beta Kappa, 1986

 Metz Distinguished Scholar, Indiana University, 1982-6

**Participation in Professional Organizations:**

American Association for Pediatric Ophthalmology & Strabismus (AAPOS)

 Board of Directors, 2020

Annual Meeting Program Committee

Member, 2011 – 2014, 2017 – present

Chair, 2020

 Stop Infant Blindness in Africa (SIBA) Committee, 2019 – present

Professional Education Committee, 2011, 2017-18

 Costenbader Lecture Committee

Member, 2006 – 2009

Chair, 2008 - 2009

 Research Committee, 2008 - 2012

Long-Range Strategic Planning Retreat, 2004

 Nominating Committee, 2004-2005

 Organizational Support Committee, 2002 – 2005

 Education Committee, 1999 – 2002

American Academy of Ophthalmology

 Ophthalmic Knowledge Base Panel (POCP) for Pediatric Ophthalmology & Strabismus

 Member, 2003-2007

 Vice-Chair, 2008 - 2012

Instructor, Maintenance of Certification Exam Course, 2007, 2008, 2010

Preferred Practice Patterns for Pediatric Ophthalmology and Strabismus

Committee Chair, 2015 - present

 Member (AAPOS representative), 2011–2014

Ophthalmic News & Education (O.N.E.) Network, Pediatric Ophthalmology & Strabismus

Editor for Pediatric Ophthalmology, 2009-2010

 Committee Member, 2007-2010

 Member, Annual Meeting Program Committee - Pediatric Ophthalmology, 2009-2010

 Ophthalmic Registry Workgroup Steering Committee, 2008 - 2009

 AAO Representative to the Surgical Quality Assurance Committee, 2007–2009

 Member, AAO Task Force on Public Health, 2009 - 2014

 Association of University Professors of Ophthalmology (AUPO)

 Chair, Straatsma Award for Excellence in Resident Education Committee, 2020

 Member, 2017 – present

 American Ophthalmological Society (AOS)

 Chair, New Member Committee, 2018 - present

 Member, 2007 – present

 Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO)

 Commissioner (representing AOS), 2009 - 2012

 Member, Education committee, 2011 - 2012

 American Board of Ophthalmology

 Oral Examination Props Review Committee, 2002, 2004, 2005, 2009

 Associate Examiner, 2000 – 2009

 Mentor Examiner, 2005, 2007

 Children’s Eye Foundation

 Member, Amblyopia 411 Advisory Committee, 2011 – 2012

Advisory Committee for the National Center for Children’s Vision and Eye Health

 Member, 2013

 Pediatric Eye Disease Investigator Group

 Executive Committee, 2005 - present

Chair, 2014 - 2018

 Vice-Chair, 2009 - 2013

 Operations Committee, 2009 - present

 Amblyopia Treatment Studies Steering Committee, 2003 – 2018

Strabismus Steering Committee, 2013 - 2018

Esotropia Studies Steering Committee, 2004-6

Nasolacrimal Duct Studies Steering Committee, 2004-6

Protocol Co-Chair - ATS5: A Randomized Trial to Evaluate 2 Hours of Daily Patching for Amblyopia in Children 3 to <7 Years Old, 2003- 2005

Protocol Chair - Bilateral Refractive Amblyopia Study, 2004- 2007

Bangerter Filters for Amblyopia Treatment Study

 Protocol Co-chair, 2005-6

 Member, Study Planning Committee, 2006-7

Protocol Chair – Residual Amblyopia Treatment Study, 2006 - 2009

Nasolacrimal Duct Study Planning Committee, 2004

Esotropia Observational Study Planning Committee, 2003-4

Vision Therapy for Amblyopia Study Planning Committee, 2005-2009

Spectacles Treatment for Strabismic Amblyopia Study Planning Committee, 2007

Juvenile Idiopathic Arthritis Study Planning Committee, 2006 – 2013

Protocol Chair – Increasing Patching for Amblyopia, 2009 - 2013

Protocol Chair – Augmenting Atropine Treatment for Amblyopia, 2009 – 2014

Protocol Chair – ROP1: Phase 1 Trial of Bevacizumab for Retinopathy of Prematurity, 2015

Protocol Chair – ROP3: Randomized Trial of Low-dose Bevacizumab versus Laser for Retinopathy of Prematurity, 2019 - present

Association for Research in Vision and Ophthalmology (ARVO)

 Committee to Revisit the International Classification of Retinopathy of Prematurity

 Member, ICROP “version 2” committee, 2003-2005

 Member, ICROP “version 3” committee, 2019-present

Indiana Academy of Ophthalmology

 Ex-Officio Member, Board of Directors, 2017 - present

North Carolina Society of Eye Physicians and Surgeons

 Past President, 2010

 President, 2009

President-Elect, 2008

Secretary-Treasurer, 2007

 Member, 2005 - 2011

North Carolina Pediatric Society

 Executive Committee, 2007 - 2009

 Surgical Sub-specialists Liaison, 2007 – 2009

North Carolina Early Childhood Vision Care Commission

Chair, 2008

 Member, 2006 – 2008

Society for Clinical Trials

International Strabismological Association

North Carolina Medical Society

 Children and Youth Committee, 1997-2001

**Selected Mentorship Activities:**

IUSM new chair mentor, 2020

Career mentor for IU medical student Megana Rao, 2020

K23 career development mentor for Grace Prakalapakorn and Kelly Muir, Duke Eye Center

UNC Medical Student Faculty Advisor, 1998, 2001, 2002, 2003

Contributed to clinical and research training of 39 pediatric ophthalmology fellows at Duke Eye Center, 2005-2017, and Indiana University, 2017-present

**RESEARCH AND SCHOLARLY ACTIVITIES:**

**Areas of research interest**:

Randomized clinical trials in pediatric ophthalmology

 Retinopathy of prematurity

 Amblyopia and strabismus

**External support**:

NATIONAL INSTITUTES OF HEALTH Approx. Amount Duration

Co-Principal Investigator (with Tim Corson) $236,380 2020 - 2025

Short-Term Training in Ophthalmology Research

 for Medical Students

T35 Grant # T35EY031282

Network Chair $1,385,000 2014-2018

 Pediatric Eye Disease Investigator Group

 U10 Cooperative Agreement

Principal Investigator (Duke site) $150,000 2010-2012

Telemedicine Approaches to Evaluating

 Acute-phase ROP - e-ROP

 Principal Investigator $1,000,000 2004-2010

 Predictive Value of Pre-plus Disease in ROP

 K23 Mentored Career Development Award

Co-Principal Investigator (Duke site) $50,000 2000-2009

 Early Treatment for Retinopathy of Prematurity

 Vice-Chair $50,000 2009-2013

 Pediatric Eye Disease Investigator Group

 Protocol Chair $20,000 2003-2004

 Pediatric Eye Disease Investigator Group

OTHER SUPPORT

 Research to Prevent Blindness $100,000 2007-2012

 Disney Amblyopia Grant

Knights Templar Foundation $20,000 1997-1998

Pediatric Ophthalmology Grant

 **PUBLICATIONS**:

Refereed journals:

(\* indicates senior author when not first author)

1. Dwulet FE, **Wallace DK**, Benson MD. Amino Acid Structures of Multiple Forms of Amyloid-Related Serum Protein SAA From a Single Individual. Biochemistry 1988; 27:1677-82.
2. **Wallace DK**, von Noorden GK. Clinical Characteristics and Surgical Management of Congenital Absence of the Superior Oblique Tendon. American Journal of Ophthalmology 1994; 118:63-69.
3. **Wallace DK**, Plager DA. Corneal Diameters in Childhood Aphakic Glaucoma. Journal of Pediatric Ophthalmology and Strabismus 1996; 33:230-234.
4. Eisenberg L, Castillo M, Kwock L, Mukherji SK, **Wallace DK**. Proton MR Spectroscopy in Coats Disease. American Journal of Neuro-Radiology 1997; 18:727-729.
5. **Wallace DK**, Sprunger DT, Helveston EM, Ellis FD. Surgical Management of Strabismus Associated with Chronic Progressive External Ophthalmoplegia. Ophthalmology 1997; 104: 695-700.
6. Castillo M, **Wallace DK**, Mukherji SK. Persistent Hyperplastic Primary Vitreous Involving the Anterior Eye. American Journal of Neuro-Radiology 1997; 18:1526-1528.
7. **Wallace DK**, Plager DA, Snyder SK, Raiesdana A, Helveston EM, Ellis FD. Surgical Treatment of Secondary Glaucomas in Childhood. Ophthalmology 1998; 105: 101-111.
8. **Wallace DK**, Kylstra JA, Greenman DB, Freedman SF. Significance of Isolated Neovascular Tufts ("Popcorn") in Retinopathy of Prematurity. Journal of the American Association for Pediatric Ophthalmology and Strabismus 1998; 2:52-56.
9. **Wallace DK**, Steinkuller PG. Ocular Medications in Children. Clinical Pediatrics 1998; 37:645-52.
10. Brooks SE, Johnson M, **Wallace DK**, Paysse EA, Coats DK, Marcus DM. Treatment Outcome in Fellow Eyes After Laser Photocoagulation for Retinopathy of Prematurity. American Journal of Ophthalmology 1999; 127:56-61.
11. Coats DK, Paysse EA, Plager DA, **Wallace DK**. Early Strabismus Surgery for Thyroid Ophthalmopathy. Ophthalmology 1999; 106:324-9.
12. **Wallace DK**. Visual Acuity After Cycloplegia in Children: Implications for Atropine Penalization. Journal of the American Association for Pediatric Ophthalmology and Strabismus 1999; 3:241-4.
13. Lateef S, Mukherji SK, Castillo M, **Wallace DK**. Juvenile retinoschisis: imaging findings. American Journal of Neuro-Radiology 1999; 20:1178-1180.
14. Helveston EM, Neely DF, Stidham B, **Wallace DK**, Plager DA, Sprunger DT. Results of Early Alignment of Congenital Esotropia. Ophthalmology 1999; 106:1716-26.
15. Kushner BJ, Greenberg MF, Olitsky SE, Prieto Diaz FM, Sargent R, **Wallace DK**, Velez G. Grand Rounds Case #56 – A Case of Persistent Dissociated Vertical Deviation Despite Elevation Deficiency. Binocular Vision and Strabismus Quarterly 1999; 14:300-6.
16. **Wallace DK**, Virata SR, Mukherji, SK. Strabismus Surgery Complicated by “PITS (Pulled in Two Syndrome)” in a Case of Breast Carcinoma Metastatic to the Medial Rectus Muscle. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2000; 4:117-9.
17. **Wallace DK**, Kylstra JA, Chesnutt DA. Prognostic Significance of Vascular Dilation and Tortuosity Insufficient for Plus Disease in Retinopathy of Prematurity. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2000; 4:224-9.
18. Mah ML, **Wallace DK\***, Powell CM. Ophthalmic Manifestations of Angelman Syndrome. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2000; 4:248-9.
19. **Wallace DK**. Practical Approach to Diplopia. Comprehensive Ophthalmology Update 2000; 1:175-84.
20. **Wallace DK**, Kylstra JA, Phillips SJ, Hall JG. Poor Postnatal Weight Gain: A Risk Factor for Severe Retinopathy of Prematurity. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2000; 4:342-7.
21. **Wallace DK.** Preoperative Issues in Adult Strabismus. American Orthoptic Journal 2001; 51:116-120.
22. Casey M, Cohen KL, **Wallace DK**. Recurrence of Iris Stromal Cyst Following Aspiration and Resection. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2002;6:255-6.
23. **Wallace DK**, Jomier J, Aylward SR, Landers III MB. Computer Automated Quantification of Plus Disease in Retinopathy of Prematurity. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2003;7:126-130.
24. Pediatric Eye Disease Investigator Group**, Wallace DK** (Writing Committee). The course of moderate amblyopia treated with atropine in children: Experience of the amblyopia treatment study. Am J Ophthalmol 2003;136:630-9.
25. Pediatric Eye Disease Investigator Group**, Wallace DK** (Writing Committee). A randomized trial of prescribed patching regimens for treatment of severe amblyopia in children. Ophthalmology 2003;110:2075-2087.
26. Pediatric Eye Disease Investigator Group**, Wallace DK** (Writing Committee). A randomized trial of atropine regimens for treatment of moderate amblyopia in children. Ophthalmology 2004;111:2076-2085.
27. Simon S, Sood S, Yoon MK, Kaw P, Zobal-Ratner J, Archer S, Gardiner JA, Hutchinson A, Marcotty A, Noel L, Olsen TW, Tawansy K, **Wallace D**. Vitrectomy for Dense Vitreous Hemorrhage in Infancy. J Pediatr Ophthalmol Strabismus 2005;42:18-22.
28. Repka MX, **Wallace DK,** Beck RW, Kraker RT (Lead Authors), Pediatric Eye Disease Investigator Group.Two-Year Follow-up of a 6-Month Randomized Trial of Atropine vs Patching for Treatment of Moderate Amblyopia in Children. Arch Ophthalmol 2005;123:149-157.
29. Myers TM, **Wallace DK\*,** Johnson SM. Ophthalmic Medications in Pediatric Patients. Comprehensive Ophthalmology Update 2005; 6:85-101.
30. **Wallace DK (Co-author), An International Committee for the Classification of Retinopathy of Prematurity.** The International Classification of Retinopathy of Prematurity Revisited. Archives of Ophthalmology 2005;123:991-999.
31. **Wallace DK.** Tests of fixation preference for amblyopia. American Orthoptic Journal 2005;55:76-81.
32. **Wallace DK,** Edwards AR, Cotter SA, Beck RW (Lead Authors), Pediatric Eye Disease Investigator Group. A Randomized Trial to Evaluate 2 Hours of Daily Patching for Strabismic and Anisometropic Amblyopia in Children. Ophthalmology 2006;113:904-912.
33. Cotter SA**,** Edwards AR, **Wallace DK**, Beck RW (Lead Authors), Pediatric Eye Disease Investigator Group. Treatment of Anisometropic Amblyopia in Children with Refractive Correction. Ophthalmology 2006;113:895-903.
34. **Wallace DK,** Carlin DS, Wright JD. Evaluation of the Accuracy of Estimation Retinoscopy. Journal of the American Association for Pediatric Ophthalmology and Strabismus 2006;10:232-236.
35. **Wallace DK.** The Role of Penalization in the Treatment of Amblyopia. Current Medical Literature: Ophthalmology 2006;16:65-69.
36. **Wallace DK**, Veness-Meehan KA, Miller WC. Incidence of severe retinopathy of prematurity before and after a modest reduction in target oxygen saturation levels. J AAPOS 2007;11:170-174.
37. Cotter SA, Edwards AR, Arnold RW, Astle WF, Barnhardt CN, Beck RW, Birch EE, Donahue SP, Everett DF, Felius J, Holmes JM, Kraker RT, Melia BM, Repka MX, **Wallace DK**, Weise KK, Pediatric Eye Disease Investigator Group. Treatment of strabismic amblyopia with refractive correction. Am J Ophthalmol 2007;143:1060-3.
38. **Wallace DK**, Zhao Z, Freedman SF. A pilot study using "ROPtool" to quantify plus disease in retinopathy of prematurity. J AAPOS 2007;11:381-387.
39. El-Dairi M, **Wallace DK\***. Advances in the Management of Retinopathy of Prematurity. Expert Review of Ophthalmology 2007;2:429-442.
40. Schotthoefer EO, **Wallace DK\***. Strabismus Associated with Thyroid Eye Disease. Current Opinion in Ophthalmology 2007;18:361-365.
41. Kemper AR, **Wallace DK**. Neonatologists’ Practice and Experience in Arranging for Retinopathy of Prematurity Screening Services. Pediatrics 2007;120:527-531.
42. Muir KW, Duncan L, Enyedi LB, **Wallace DK**, Freedman SF. Central Corneal Thickness: Congenital Cataracts and Aphakia. Am J Ophthalmol 2007;144:502-506.
43. **Wallace DK,** Chandler DS, Beck RW, Arnold RW, Bacal DA, Birch EE, Felius J, Frazier M, Holmes JM, Hoover D, Klimek DA, Lorenzana I, Quinn GE, Repka MX, Suh DW, Tamkins S, Pediatric Eye Disease Investigator Group. Treatment of Bilateral Refractive Amblyopia in Children 3-<10 Years Old. Am J Ophthalmol 2007;144:487-496.
44. **Wallace DK.** Evidence-Based Amblyopia Treatment: Results of PEDIG Studies. American Orthoptic Journal2007;57:48-55.
45. **Wallace DK,** Freedman SF, Zhao Z, Jung SH. Accuracy of “ROPTool” versus Individual Examiners in Assessing Retinal Vascular Tortuosity. Archives of Ophthalmology 2007;125:1523-1530.
46. **Wallace DK**. Diagnostic and Treatment Advances in Retinopathy of Prematurity. U.S. Ophthalmic Review2007;1:18-19.
47. **Wallace DK.** Computer-Assisted Quantification of Vascular Tortuosity in Retinopathy of Prematurity (an American Ophthalmological Society Thesis). Transactions of the American Ophthalmological Society 2007;105:594-615.
48. Jung SH, Barnhart HX, Sohn I, Stinnett SS, **Wallace DK.** Sample Size for Comparing Correlated Concordance Rates. Journal of Biopharmaceutical Statistics 2008;18:359–369.
49. Pediatric Eye Disease Investigator Group**, Wallace DK** (Writing Committee). Primary Treatment of Nasolacrimal Duct Obstruction with Probing In Children Younger than 4 Years. Ophthalmology 2008;115:577-584.
50. **Wallace DK**, Quinn GE, Freedman SF, Chiang MF. Agreement Among Pediatric Ophthalmologists in Diagnosing Plus and Pre-plus Disease in Retinopathy of Prematurity. Journal of AAPOS 2008;12:352-356.
51. Zhao Z, **Wallace DK**, Freedman SF, Aylward S. A Tool for Computer-Aided Diagnosis of Retinopathy of Prematurity. Proceedings of SPIE Medical Imaging 2008;6915(69152W):1605-7422.
52. Kemper AR, Freedman SF, **Wallace DK**.Providing Retinopathy of Prematurity Care: A Workforce Analysis. Journal of AAPOS 2008;12:344-348.
53. Ahmad S, **Wallace DK\***, Freedman SF, Zhao Z. Computer-Assisted Assessment of Plus Disease in Retinopathy of Prematurity Using Video Indirect Ophthalmoscopy Images. Retina 2008;28:1458-62.
54. Kemper AR, **Wallace DK**, Quinn GE.A Systematic Review of Digital Imaging Screening Strategies for Retinopathy of Prematurity. Pediatrics 2008;122:825-30.
55. Pediatric Eye Disease Investigator Group, **Wallace DK** **(Writing Committee)**. Primary Treatment of Nasolacrimal Duct Obstruction with Nasolacrimal Duct Intubation in Children Less than Four Years Old. Journal of AAPOS 2008;12:445-450.
56. Pediatric Eye Disease Investigator Group, **Wallace DK** **(Writing Committee)**. Primary Treatment of Nasolacrimal Duct Obstruction with Balloon Catheter Dilation in Children Less than Four Years Old. Journal of AAPOS 2008;12:451-455.
57. Pediatric Eye Disease Investigator Group, **Wallace DK** **(Writing Committee).** Instability of Alignment in Childhood Esotropia. Ophthalmology 2008;115:2266-2274.
58. Scott AW, Farsiu S, Enyedi L, **Wallace DK**, Toth CA. Imaging the Infant Retina with a Hand-held Spectral-Domain Optical Coherence Tomography Device. American Journal of Ophthalmology 2009;147:364-373.
59. Yanovitch TL, Freedman SF, **Wallace DK\***.Vascular Dilation and Tortuosity in Plus Disease. Archives of Ophthalmology 2009;127:112-113.
60. Daoud YJ, Hutchinson A, **Wallace DK**, Song J, Kim T. Refractive surgery in children: treatment options, outcomes, and controversies. Am J Ophthalmol 2009;147:573-582.
61. Johnston SC, **Wallace DK\***, Freedman SF, Yanovitch TL, Zhao Z. Tortuosity of Arterioles and Venules in Quantifying Plus Disease. J AAPOS 2009;13:181-5.
62. **Wallace DK**, Freedman SF, Zhao Z. A Pilot Study Using ROPtool to Measure Retinal Vascular Dilation. Retina 2009;29:1182-1187.
63. Davitt B, **Wallace DK**. Plus Disease. Survey of Ophthalmology 2009;54:663-670.
64. Chavala SH, Farsiu S, Maldonado R, **Wallace DK**, Freedman SF, Toth CA. Insights into advanced retinopathy of prematurity utilizing hand-held spectral domain optical coherence tomography imaging. Ophthalmology 2009;116:2448-56.
65. Maldonado RS, Izatt JA, Sarin N, **Wallace DK**, Freedman S, Cotten CM, Toth C. Optimizing Hand-Held Spectral Domain Optical Coherence Tomography Imaging for Neonates, Infants and Children. Invest Ophthalmol Vis Sci. 2010;51:2678-85.
66. **Wallace DK**, Freedman SF, Zhao Z. Evolution of Plus Disease in Retinopathy of Prematurity – Quantification by ROPtool. Transactions of the American Ophthalmological Society 2009; 107:47-54.
67. Asrani S, Chatterjee A, **Wallace DK**, Santiago-Turla C, Stinnett S. Evaluation of the ICare Rebound Tonometer as a Home Intraocular Pressure Monitoring Device. J Glaucoma 2010;20:74-79.
68. Kiely AE, **Wallace DK\***, Freedman MD, Zhao Z. Computer-Assisted Measurement of Retinal Vascular Width and Tortuosity in Retinopathy of Prematurity. Archives of Ophthalmology 2010;128:847-852.
69. **Wallace DK**. Evidence-Based Medicine and Levels of Evidence. American Orthoptic Journal 2010;60:2-5.
70. Pediatric Eye Disease Investigator Group, **Wallace DK (Writing Committee)**. Evaluating the Burden of Amblyopia Treatment from the Parent and Child’s Perspective. Journal of AAPOS 2010;14:389-95.
71. Yanovitch T, **Wallace DK**, Freedman S, Young T, Enyedi L, Kishnani P, Worley G, Crissman B, Burner E. The Accuracy of Photoscreening at Detecting Treatable Ocular Conditions in Children with Down Syndrome. J of AAPOS 2010;14:472-7.
72. Cabrera MT, Freedman SF, Kiely AE, Chiang MF, **Wallace DK**. Combining ROPtool measurements of vascular tortuosity and width to quantify plus disease in retinopathy of prematurity. Journal of AAPOS 2011;15:40-44.
73. Rutstein R, Foster N, Lee D, Cotter C, **Wallace DK**, Tamkins S, Melia M, Kraker R. Visual Acuity through Bangerter Filters in Non-Amblyopic Eyes. J of AAPOS 2011;15:131-4.
74. **Wallace DK**, Freedman SF, Hartnett ME, Quinn GE. The Predictive Value of Pre-plus Disease in Retinopathy of Prematurity. Archives of Ophthalmology 2011;129:591-596.
75. **Wallace DK (Lead Author),** Pediatric Eye Disease Investigator Group. Randomized Trial to Evaluate Combined Patching and Atropine for Residual Amblyopia. Archives of Ophthalmology 2011;129:960-962.
76. Davitt BV, Quinn GE, **Wallace DK**, Dobson V, Hardy RJ, Tung B, Lai D, Good WV; on behalf of Members of the Early Treatment for Retinopathy of Prematurity Cooperative Group. Astigmatism Progression in the Early Treatment for Retinopathy of Prematurity Study to 6 years of age. Ophthalmology 2011;118:2326-9.
77. Lee AC, Maldonado R, Sarin N, O’Connell RV, **Wallace DK**, Freedman SF, Cotton M, Stinnett SS, Toth CA. Spectral Domain Optical Coherence Tomography as an Adjunct to Indirect Ophthalmoscopy for Retinopathy of Prematurity. Retina 2011;31:1470-82.
78. Chen ML, Allred EN, Hecht JL, Onderdonk A, Vanderveen D, **Wallace DK**, Leviton A, Dammann O, for the ELGAN Study. Placenta Microbiology and Histology, And The Risk for Severe Retinopathy of Prematurity. Accepted by Investigative Ophthalmology and Visual Science 2011;52:7052-7058.
79. Maldonado, RS, O'Connell RV, Sarin N, Freedman SF, **Wallace DK**, Cotton MC, Winter KP, Stinnett S, Chiu SJ, Izatt JA, Farsiu S, Toth CA. Dynamics of Human Foveal Development after Premature Birth. Ophthalmology 2011;118:2315-25.
80. Cabrera MT, Maldonado RS, Toth CA, O’Connell RV, Chen BB, Chiu SJ, Farsiu S, **Wallace DK**, Maradiaga Panayotti GM, Swamy GK, Freedman SF.Subfoveal fluid in healthy full term newborns observed by hand held Spectral Domain Optical Coherence Tomography. American Journal of Ophthalmology 2012;153:167-75.
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4. **Pediatric Eye Disease Investigator Group**. The clinical spectrum of early-onset esotropia. experience of the congenital esotropia observational study. Am J Ophthalmol 2002; 133: 102-8.
5. **Pediatric Eye Disease Investigator Group**. Spontaneous resolution of early-onset esotropia: experience of the congenital esotropia observational study. Am J Ophthalmol 2002; 133: 109-18.
6. **Pediatric Eye Disease Investigator Group**. The clinical profile of moderate amblyopia in children younger than 7 years. Arch Ophthalmol 2002; 120: 281-287.
7. **Pediatric Eye Disease Investigator Group**. A randomized trial of atropine vs patching for treatment of moderate amblyopia in children. Arch Ophthalmol 2002; 120: 268-278.
8. **Pediatric Eye Disease Investigator Group**. A randomized trial of patching regimens for treatment of moderate amblyopia in children. Archives of Ophthalmology 2003;121:603-611.
9. **Pediatric Eye Disease Investigator Group.** A comparison of atropine and patching treatments for moderate amblyopia by patient age, cause of amblyopia, depth of amblyopia, and other factors. Ophthalmology 2003; 110:1632-1637.
10. **Pediatric Eye Disease Investigator Group.** The course of moderate amblyopia treated with patching in children: experience of the amblyopia treatment study. Am J Ophthalmol 2003; 136:620-9.
11. Holmes JM, Beck RW, Kraker RT, Cole SR, Repka MX, Birch EE, Felius J,Christiansen SP, Coats DK, Kulp MT, **Pediatric Eye Disease Investigator Group**. Impact of patching and atropine treatment on the child and family in the amblyopia treatment study. Arch Ophthalmol 2003;121:1625-32.
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14. Quinn GE, Beck RW, Holmes JM, Repka MX. **Pediatric Eye Disease Investigator Group.** Recent advances in the treatment of amblyopia. Pediatrics 2004;113:1800-2.
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16. **Early Treatment for Retinopathy of Prematurity Cooperative Group.** Multicenter trial of early treatment for retinopathy of prematurity: study design. Controlled Clinical Trials 2004;25:311-325.
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18. **Pediatric Eye Disease Investigator Group.** A randomized pilot study of near activities versus non-near activities during patching therapy for amblyopia. J AAPOS 2005;9:129-36.
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20. **Early Treatment for Retinopathy of Prematurity Cooperative Group.** The Early Treatment for Retinopathy Of Prematurity Study: structural findings at age 2 years. Br J Ophthalmol 2006; 90:1378-82.
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22. **Pediatric Eye Disease Investigator Group.** A randomized trial of atropine vs patching for treatment of moderate amblyopia: follow-up at age 10 years. Arch Ophthalmol 2008;126:1039-1044.
23. **Pediatric Eye Disease Investigator Group.** A Randomized Trial of Near Versus Distance Activities While Patching for Amblyopia in Children Aged 3 to Less Than 7 Years. Ophthalmology 2008;115:2071-8.
24. **Pediatric Eye Disease Investigator Group**. Patching vs atropine to treat amblyopia in children aged 7 to 12 years: a randomized trial. Arch Ophthalmol 2008;12:1634-42.
25. **Pediatric Eye Disease Investigator Group**. Interobserver Reliability of the Prism and Alternate Cover Test in Children With Esotropia. Arch Ophthalmol 2009;127:59-65.
26. **Pediatric Eye Disease Investigator Group**. Pharmacological Plus Optical Penalization Treatment for Amblyopia: Results of a Randomized Trial. Arch Ophthalmol 2009;127:22-30.
27. **Pediatric Eye Disease Investigator Group.** Balloon catheter dilation and nasolacrimal duct intubation for treatment of nasolacrimal duct obstruction after failed probing. Arch Ophthalmol 2009;127:1-7.
28. **Pediatric Eye Disease Investigator Group**. Repeat probing for treatment of persistent nasolacrimal duct obstruction. J AAPOS 2009;13:306-7.
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37. **Early Treatment for Retinopathy of Prematurity Cooperative Group**.  Final Visual Acuity Results in the Early Treatment for Retinopathy of Prematurity Study.  *Arch Ophthalmol*, 2010;128:E1-E9.
38. **Early Treatment for Retinopathy of Prematurity Cooperative Group**.  Final Visual Acuity Results in the Early Treatment for Retinopathy of Prematurity Study.  *Arch Ophthalmol*, 2010;128:663-671.
39. **Pediatric Eye Disease Investigator Group.** Central corneal thickness in children. Archives of Ophthalmology 2011;129:1132-8.
40. **Early Treatment for Retinopathy of Prematurity Cooperative Group**. Visual Field Extent at 6 Years of Age in Children Who Had High-Risk Prethreshold Retinopathy of Prematurity. Archives of Ophthalmology 2011;129:127-132.
41. Kulp MT, Foster NC, Holmes JM, et al, **Pediatric Eye Disease Investigator Group.** Effect of Ocular Alignment on Emmetropization in Children <10 Years With Amblyopia. Am J Ophthalmol 2012;154: 297-302.
42. **Pediatric Eye Disease Investigator Group.** Resolution of Congenital Nasolacrimal Duct Obstruction with Nonsurgical Management. Arch Ophthalmol. 2012;130:730-734.
43. **Pediatric Eye Disease Investigator Group.** A Randomized Trial Comparing the Cost-Effectiveness of Two Approaches for Treating Unilateral Nasolacrimal Duct Obstruction. Arch Ophthalmol 2012;130:1525-33.
44. Miller AM, Chandler DL, Repka MX, Hoover DL, Lee KA, Melia M, Rychwalski PJ, Silbert DI, **Pediatric Eye Disease Investigator Group.** [Office probing for treatment of nasolacrimal duct obstruction in infants.](http://www.ncbi.nlm.nih.gov/pubmed/24568978) J AAPOS 2014;18:26-30.
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46. Weise KK, Kaminski B, Melia M, et al, **Pediatric Eye Disease Investigator Group**. [Intraobserver reliability of contact pachymetry in children.](http://www.ncbi.nlm.nih.gov/pubmed/23622447) J AAPOS 2013;17:144-8.
47. Repka MX, Kraker RT, Holmes JM, et al, **Pediatric** **Eye Disease** **Investigator Group**. Atropine vs Patching for Treatment of Moderate Amblyopia: Follow-up at 15 Years of Age of a Randomized Clinical Trial. JAMA Ophthalmol 2014;132:799-805.
48. Marsh-Tootle WL, Russ SA, Repka MX; **National Expert Panel to the National Center for Children’s Vision Eye Health.** Vision and eye health in children 36 to <72 months: proposed data definitions. Optom Vis Sci 2015;92:17-23.
49. Cotter SA, Cyert LA, Miller JM, Quinn GE; **National Expert Panel to the National Center for Children’s Vision and Eye Health**. Vision screening for children 36 to <72 months: recommended practices. Optom Vis Sci 2015;92:6-16.

 **Editorial Experience / Peer Review Activities**:

Journal of the American Association for Pediatric Ophthalmology and Strabismus,

 Senior Associate Editor, 2012 – 2013

 Editorial Board, 2007 – 2012

Ad hoc Scientific Reviews

Journal of the American Association for Pediatric Ophthalmology & Strabismus

Ophthalmology

 American Journal of Ophthalmology

 Archives of Ophthalmology

 British Journal of Ophthalmology

 Binocular Vision & Strabismus

 Advances in Neonatal Care

 IEEE Transactions on Medical Imaging

 Archives of Disease in Childhood

 Pediatrics

 Acta Ophthalmologica

National Eye Institute R01 Review Panel, 2011, 2015

Member, Center for Scientific Review Special Emphasis Panels, 2018, 2020

**VISITING PROFESSORSHIPS / NAMED LECTURESHIPS**:

University of Iowa, Iowa City, IA, November 1, 2019

“Laser vs. anti-VEGF for Severe Retinopathy of Prematurity”

“Evidence-Based versus Eminence-Based Ophthalmology”

Pacific Coast Oto-Ophthalmological Society Scientific Meeting, Maui, HI, June 21-23, 2019

Guest of Honor lecture: “Evidence-Based Treatment of Nasolacrimal Duct Obstruction”

“What’s New in Amblyopia Treatment”

 “Laser vs. anti-VEGF for Severe Retinopathy of Prematurity”

“Evidence-Based versus Eminence-Based Ophthalmology”

University of California, Davis, Sacramento, CA, March 3, 2017

“Evidence-Based versus Eminence-Based Ophthalmology”

“Laser vs. anti-VEGF for Severe Retinopathy of Prematurity”

University of Montreal, Quebec, Canada, October 21, 2016 (41st Annual Paediatric Ophthalmology Day)

 “Evidence-Based versus Eminence-Based Ophthalmology”

“Laser vs. anti-VEGF for Severe Retinopathy of Prematurity”

Emory School of Medicine, Atlanta, GA, September 16, 2016

 “Evidence-Based versus Eminence-Based Ophthalmology”

“What’s New in Amblyopia Treatment”

Columbia University Medical Center, New York, NY, May 12, 2016

 “Retinopathy of Prematurity: Recent Advances & Future Directions”

West Virginia Society of Eye Physicians and Surgeons, April 30-May 1, 2016

“What’s New in Amblyopia Treatment”

 “Imaging in Retinopathy of Prematurity: The Future is Here!”

“Laser vs. anti-VEGF for Severe Retinopathy of Prematurity”

 “Evidence-Based versus Eminence-Based Ophthalmology”

Retina Foundation of the Southwest, Dallas, TX, May 12, 2015

 8th Annual David R. Stager, Sr., Lecture: “PEDIG Potpourri”

California Pacific Medical Center, San Francisco, CA, December 2014

 “PEDIG Potpourri”

Georgia Ophthalmological Society, June 2013

“Evidence-Based versus Eminence-Based Ophthalmology”

“What’s New in Amblyopia Treatment”

“Laser vs. Avastin for Severe Retinopathy of Prematurity”

Albany, NY, Ophthalmology Update, May 2013

 “Evidence-Based versus Eminence-Based Ophthalmology”

 “What’s New in Amblyopia Treatment”

Detroit Children’s Hospital Grand Rounds, May 2013

 “Laser vs. Avastin for Severe Retinopathy of Prematurity”

“Evidence-Based versus Eminence-Based Ophthalmology”

Georgetown University, Washington, DC, February 2013

 “Retinopathy of Prematurity: An Eye to the Future”

“Evidence-Based versus Eminence-Based Ophthalmology”

University of Michigan Pediatric Ophthalmology Update, Ann Arbor, MI, January 2013

“Laser vs. Avastin for Severe Retinopathy of Prematurity”

“Evidence-Based versus Eminence-Based Ophthalmology”

Michigan Society of Eye Physicians and Surgeons Annual Meeting, Mackinac Island, MI, August 2012

“Evidence-Based versus Eminence-Based Ophthalmology”

“What’s New in Amblyopia Treatment”

“Retinopathy of Prematurity: An Eye to the Future”

North Shore Hospital Grand Rounds, Long Island, NY, April 2012

“Evidence-Based Amblyopia Treatment”

“Evidence-Based versus Eminence-Based Ophthalmology”

 “Current Concepts in Retinopathy of Prematurity”

Cleveland Ophthalmological Society, February 2010

 “Retinopathy of Prematurity: An Eye to the Future”

 “Evidence-Based versus Eminence-Based Ophthalmology”

Case Western Reserve University Dept. of Ophthalmology, February 2010

 “Retinopathy of Prematurity: An Eye to the Future”

St. Louis Ophthalmological Society, February 2010

 “Evidence-Based versus Eminence-Based Ophthalmology”

St. Louis University Dept. of Ophthalmology, February 2010

 “Retinopathy of Prematurity: An Eye to the Future”

Houston Ophthalmological Society, October 2008

 **“**Trick or Treat? Haunting Realities of Published Research”

Baylor College of Medicine Dept. of Ophthalmology, October 2008

**“**Current Concepts in Retinopathy of Prematurity”

Wake Forest University Dept. of Ophthalmology, October 2006

“Evidence-Based Amblyopia Treatment”

“Current Concepts in Retinopathy of Prematurity”

**INVITED LECTURES AND PRESENTATIONS (International/National):**

**\*\*\*\*\*\*\* INTERNATIONAL SCIENTIFIC MEETINGS \*\*\*\*\*\*\*\*\***

**Wallace DK.** “Clinical Trials in Retinopathy of Prematurity.” Combined Meeting of the Royal Australian and New Zealand College of Ophthalmologists and the American Association for Pediatric Ophthalmology and Strabismus. Sydney, Australia, November, 2019.

**Wallace DK**, Pediatric Eye Disease Investigator Group. “A Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity: 24-month Outcomes.” Combined Meeting of the Royal Australian and New Zealand College of Ophthalmologists and the American Association for Pediatric Ophthalmology and Strabismus. Sydney, Australia, November, 2019.

**Wallace DK**. “Amblyopia Management: 2018 Update.” World Ophthalmology Congress, Barcelona, Spain, June 17, 2018.

**Wallace DK,** Pediatric Eye Disease Investigator Group. “A Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity: 6-Month Follow-up.” World Congress of Retinopathy of Prematurity, Cancun, Mexico, September 2, 2017.

**Wallace DK.** Treatment of Severe Retinopathy of Prematurity. European Society of Ophthalmology Barcelona, Spain, June 11, 2017.

**Wallace DK.** Anti-VEGF vs. Laser for Retinopathy of Prematurity. European Society of Ophthalmology, Vienna, Austria, June 8, 2015.

**Wallace DK.** Laser vs. anti-VEGF treatment for severe ROP (and 5 other presentations) Peruvian Ophthalmology Congress, Lima, Peru, September, 2014.

**Wallace DK.** Anti-VEGF and Retinopathy of Prematurity: Where Do We Need to Go? World ROP Congress, Shanghai, China, October 16, 2012.

**Wallace DK.** Treatment of Severe ROP: Why We Need More Clinical Trials. Second World Congress of Pediatric Ophthalmology and Strabismus, Milan, Italy, September 8, 2012.

**Wallace DK.** Retinopathy of Prematurity: The Role for Imaging. Joint Congress of the European Society of Ophthalmology and the American Academy of Ophthalmology, Geneva, Switzerland, June 5, 2011.

**Wallace DK.** Test-retest reliability of computer-assisted plus disease quantification using ROPtool. Joint Congress of the European Society of Ophthalmology and the American Academy of Ophthalmology, Geneva, Switzerland, June 5, 2011.

**Wallace DK,** Maldonado R, Freedman SF, Farsiu S, Toth CA. Pediatric Retinal Imaging: The Future is Here! Annual Meeting of the European Pediatric Ophthalmology Society, Bad Nauheim, Germany, October 2, 2010.

**Wallace DK,** Freedman SF, Hartnett ME, Quinn GE. The Predictive Value of Pre-Plus Disease in Retinopathy of Prematurity. World Ophthalmology Congress, Berlin, Germany, June 6, 2010.

**Wallace DK**, Freedman SF, Zhao Z. Computer-Assisted Quantification of Plus Disease in Retinopathy of Prematurity. Annual Meeting of the European Pediatric Ophthalmology Society, Paris, France, October 2, 2009.

**Wallace DK.** Spectacles for Amblyopia. World Ophthalmology Congress, Hong Kong, China, June 30, 2008.

**Wallace DK.** Amblyopia Update. American Society of Cataract and Refractive Surgery Winter Update, Riviera Maya, Mexico, February 5, 2008.

**\*\*\*\*\*\* NATIONAL SCIENTIFIC MEETINGS \*\*\*\*\*\*\*\*\*\*\***

**Wallace DK**. “A Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity: 24-month Outcomes.” 2019 Advances in Pediatric Retina, Salt Lake City, Utah, June 2019.

**Wallace DK**. Discussion of Reynolds, J, “Ranibizumab Compared with Laser Therapy for the Treatment of Infants Born Prematurely With Retinopathy of Prematurity (RAINBOW),” 155th Annual Meeting of the American Ophthalmological Society, White Sulfur Springs, West Virginia, May, 2019.

**Wallace DK**. “A Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity: 12-month Outcomes.” Hot Topics in Retinopathy of Prematurity; Chicago, IL, November, 2018.

**Wallace DK**. “The Future of Amblyopia Treatment.” AAPOS Symposium. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 30, 2018.

**Wallace DK.** “Treating Intermittent Exotropia Based on PEDIG and UK Studies.” American Academy of Ophthalmology Pediatric Subspecialty Day, Chicago, IL, October 28, 2018.

**Wallace DK,** Pediatric Eye Disease Investigator Group. “A Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity.” Hot Topics Symposium. American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 13, 2017.

**Wallace DK.** “PEDIG’s Phase 1 Dosing Study of Avastin for Retinopathy of Prematurity.” Diabetic Retinopathy Clinical Research Network (DRCRnet) Investigator Meeting, Houston, Texas, August 18, 2017.

**Wallace DK**. “Intravitreal Bevacizumab Dosage for Retinopathy of Prematurity: Can We Go Lower?”Eunice Kennedy Shriver National Institute of Child Health and Human Development, Retinopathy of Prematurity Workshop, Bethesda, Maryland, August 9, 2017.

**Wallace DK**. “Visual and Developmental Outcomes in ROP.”Eunice Kennedy Shriver National Institute of Child Health and Human Development, Retinopathy of Prematurity Workshop, Bethesda, Maryland, August 9, 2017.

**Wallace DK.** Discussion of Pineles SL. “Spectral Domain Optical Coherence Tomography Angiography in Children with Amblyopia.” 153rd Annual Meeting of the American Ophthalmological Society, Hot Springs, Virginia, May 21, 2017.

**Wallace DK,** Pediatric Eye Disease Investigator Group. “A Phase 1 Dosing Study of Bevacizumab for Retinopathy of Prematurity.” 43rd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Nashville, TN, April, 2017.

**Wallace DK.** “Laser for Retinopathy of Prematurity.” American Academy of Ophthalmology Pediatric Subspecialty Day, Chicago, IL, October 15, 2016.

**Wallace DK**. Discussion of: Chiang MF. “Plus Disease in ROP: Insights about Expert Diagnosis from Computer-Based Image Analysis.” 152nd Annual Meeting of the American Ophthalmological Society, Colorado Springs, CO, May, 2016.

**Wallace DK,** “The SUPPORT Study Controversy.” American Academy of Ophthalmology Pediatric Subspecialty Day, Las Vegas, NV, November 14, 2015.

**Wallace DK,** “The Pediatric Eye Disease Investigator Group and Amblyopia: Where we have been and where we are going.” American Academy of Ophthalmology Pediatric Subspecialty Day, Chicago, IL, October 18, 2014.

**Wallace DK,** Pediatric Eye Disease Investigator Group. **“**A randomized trial of augmenting atropine with a plano lens for amblyopia.” 40th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Palm Springs, CA, April, 2014.

**Wallace DK. “**Laser or anti-VEGF treatment for severe retinopathy of prematurity?” 2014 Leonard Apt Meeting on Advanced Topics in Pediatric Ophthalmology and Strabismus, Los Angeles, CA, April 1, 2014.

**Wallace DK,** Pediatric Eye Disease Investigator Group. **“**A randomized trial of increasing patching for amblyopia.” Annual Meeting of the American Association of Certified Orthoptists, New Orleans, LA, November, 2013.

**Wallace DK,** Pediatric Eye Disease Investigator Group. **“**A randomized trial of increasing patching for amblyopia.” 39th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Boston, MA, April, 2013.

**Wallace DK**. Discussion of: BEAT-ROP refractive outcomes at two years. 39th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Boston, MA, April, 2013.

**Wallace DK.** “The Future of Retinopathy of Prematurity Screening and Treatment,” American Academy of Ophthalmology Pediatric Subspecialty Day, Chicago, IL, November 10, 2012.

**Wallace DK.** “ROP Risk Models” Discussion of papers by Binenbaum et al and Adams et al. 38th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Antonio, TX, March, 2012.

**Wallace DK. “**Clinical Trials Networks: The PEDIG Experience,” Meeting of the American Society of Ophthalmic Plastic and Reconstructive Surgery, Amilia Island, FL, May 14, 2011.

**Wallace DK.** Discussion of “Increased Prevalence of Myopia in the U.S. Between 1971-1972 and 2001-2004,” The Editors’ Choices Symposium, American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 18, 2010.

**Wallace DK,** El-Dairi M, Freedman SF, Hartnett ME. “Natural History of Posterior Pole Vascular Changes in Retinopathy of Prematurity.” 146th Annual Meeting of the American Ophthalmological Society, White Sulfur Springs, WV, May 23, 2010.

**Wallace DK,** Kraker RT, Davis PL, Holmes JM, Repka RX, Suh DW, Cotter SA, for the Pediatric Eye Disease Investigator Group. “A Randomized Trial to Evaluate Combined Patching and Atropine for Residual Amblyopia.” 36th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, FL, April 17, 2010.

**Wallace DK.** “Evidence-Based Medicine: Why Do We Need It?” Orthoptic Symposium, American Academy of Ophthalmology Annual Meeting, San Francisco, CA, October 25, 2009.

**Wallace DK**, Freedman SF, Zhao Z. “Evolution of Plus Disease in Retinopathy of Prematurity – Quantification by ROPtool.” 145th Annual Meeting of the American Ophthalmological Society, Half Moon Bay, CA, May, 2009.

**Wallace DK**. Discussion of: Newman SA. “Inferior Oblique Surgery for Restrictive Strabismus in Patients with Thyroid Orbitopathy.” 145th Annual Meeting of the American Ophthalmological Society, Half Moon Bay, CA, May, 2009.

**Wallace DK.** Discussion of “Comparison of Expert Graders to Computer Assisted Image Analysis of the Retina in Retinopathy of Prematurity,” 35th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Francisco, CA, April, 2009.

**Wallace DK.** PEDIG Clinical Trials – Site Perspective. NORDIC-NEI Neuro-Ophthalmology Clinical Trials Workshop, New York, New York, November 21, 2008.

**Wallace DK.** Treating Amblyopia: Applying Science to a Long Tradition. Pediatric Ophthalmology Subspecialty Day, Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, November 8, 2008.

**Wallace DK.** Quantification of Plus Disease in ROP by Computer Analysis. Best of the Posterior Segment Subspecialty Meetings 2008, Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, November 11, 2008.

**Wallace DK.** Retinopathy of Prematurity. Moderator for “Breakfast with the Experts”. Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, November 9, 2008.

**Wallace DK.** Assessment of Vision in Preliterate Children. Squint Club, Nashville, Tennessee, October, 2007.

**Wallace DK**, Chandler DL, Beck RW, Pediatric Eye Disease Investigator Group**.** Treatment of Bilateral Refractive Amblyopia in Children 3 to <10 Years Old, Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May, 2007.

**Wallace DK.** What’s New in Amblyopia Treatment, Late Breakers’ Symposium, American Academy of Ophthalmology Annual Meeting, Las Vegas, Nevada, November 13, 2006.

**Wallace DK.** Pediatric Eye Disease Investigator Group Results, Orthoptic Symposium, American Academy of Ophthalmology Annual Meeting, Las Vegas, Nevada, November 12, 2006.

**Wallace DK,** Cotter SA**,** Edwards AR, Beck RW, Pediatric Eye Disease Investigator Group. Treatment of Anisometropic Amblyopia in Children with Refractive Correction. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May, 2006.

**Wallace DK,** Veness-Meehan KA, Miller WC**.** The effect of reducing target oxygen saturation levels on the incidence of severe retinopathy of prematurity. 32nd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Keystone, Colorado, March, 2006.

**Wallace DK.** The Role of Penalization in the Treatment of Amblyopia. Indiana Academy of Ophthalmology, Indianapolis, IN, September 16, 2005.

**Wallace DK.** Amblyopia Treatment. Early Treatment for Retinopathy of Prematurity Study Technical Group Meeting, Salt Lake City, UT, April 8, 2005.

**Wallace DK.** Pediatric Eye Disease Investigator Group. JRA Study Planning Meeting of Pediatric Uveitis Group, Cincinnati, OH, February 11, 2005.

**Wallace DK.** Tests of Fixation Preference in the Detection of Amblyopia. American Association of Certified Orthoptists National Meeting, New Orleans, LA, October 26, 2004.

**Wallace DK.** Recent Advances in Retinopathy of Prematurity. Moderator for “Breakfast with the Experts”. Annual Meeting of the American Academy of Ophthalmology, Anaheim, California, November 15 and 16, 2003.

**Wallace DK.** Recent Advances in Retinopathy of Prematurity. Moderator for “Breakfast with the Experts”. Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida, October 21and 22, 2002.

**Wallace DK**, Freedman SF, Coats DK, Sprunger DT, Brooks SE. Re-treatment with Diode Laser Photocoagulation for Severe Retinopathy of Prematurity: Indications and Results. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 9, 2002.

**Wallace DK**, Jomier J, Aylward S, Landers MB. Computer Automated Quantification of Plus Disease in Retinopathy of Prematurity. 28th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Seattle, Washington, March, 2002.

**Wallace DK.** Recent Advances in Retinopathy of Prematurity. Moderator for “Breakfast with the Experts”. Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana, November 14, 2001.

**Wallace DK.** Preoperative Issues in Adult Strabismus Surgery. Annual Meeting of the American Academy of Ophthalmology, Dallas, TX, October 23, 2000.

**Wallace DK**, Rich CC, Kylstra JA. Effect of Recent Blood Transfusions on Retinal Vascular Dilation and Tortuosity in Retinopathy of Prematurity, Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida, May 11, 1999.

**Wallace DK**, Kylstra JA, Chesnutt DA: Prognostic Significance of Vascular Dilation and Tortuosity Insufficient for Plus Disease in Retinopathy of Prematurity, 25th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Toronto, Ontario, Canada, April 18, 1999.

**Wallace, DK**. Visual Acuity After Cycloplegia in Children: Implications for Atropine Penalization, 24th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Palm Springs, California, April 9, 1998.

**Wallace DK**, Kylstra, JA, Greenman DB, Freedman SF. Significance of Isolated Neovascular Tufts (“Popcorn”) in Retinopathy of Prematurity, 23rd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Charleston, South Carolina, April 4, 1997.

**Wallace DK**, Kylstra, JA, Greenman DB, Freedman SF. Significance of Isolated Neovascular Tufts (“Popcorn”) in Retinopathy of Prematurity, International Conference on Retinopathy of Prematurity, Chicago, IL, November 1, 1996.

**Wallace DK**, Helveston EM, Ellis FD, Plager DA, Sprunger, DT. Long Term Results of Early Surgery for Congenital Esotropia, 21st Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, Florida, April 7, 1995.

**Instructional Courses, Workshops, and Symposia at National/International Scientific Meetings:**

“Ophthalmology for the Pediatric Primary Care Physician”, Baylor College of Medicine, Houston, Texas, January 9, 1999

“Morphologic Variations in Retinopathy of Prematurity”, 27th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, Florida, March 23, 2001.

“Current Controversies in Retinopathy of Prematurity”, 28th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Seattle, Washington, March, 2002.

**Wallace DK**, Sprunger DT. “Diplopia: A Practical Approach”, Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida, October 22, 2002.

“Difficult Problems – Non-Strabismus” Workshop, 29th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Waikoloa, Hawaii, March, 2003.

“Current Controversies in Retinopathy of Prematurity”, 29th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Waikoloa, Hawaii, March, 2003.

“Interesting Strabismus Cases.” Annual Meeting of the American Association of Certified Orthoptists, Anaheim, California, November 15, 2003.

**Wallace DK**, Sprunger DT. “Diplopia: A Practical Approach”, Annual Meeting of the American Academy of Ophthalmology, Anaheim, California, November 15, 2003.

Repka MX, Holmes JM, Hertle R, Scheiman M, Cotter S, **Wallace DK.** “Amblyopia Treatment Studies”, 30th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, D.C., March, 2004.

Ells AL, Quinn GE, Fielder AR, **Wallace DK.** “The International Classification of Retinopathy of Prematurity – Revised”, Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana, October 25, 2004.

Repka MX, Holmes JM, Hertle R, **Wallace DK.** “Amblyopia Treatment Studies”, 31st Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, FL, March, 2005.

Ells AL, Quinn GE, Fielder AR, Gilbert C, **Wallace DK.** “Hot Topics in Retinopathy of Prematurity”, Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois, October 17, 2005.

Holmes JM, Repka MX, Donahue SP, Hertle RW, Quinn GE, **Wallace DK.** “The Amblyopia Treatment Studies and Your Practice”, 32nd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Keystone, CO, March, 2006.

Christiansen SP, Brodsky MC, Cruz OA, Donahue SP, Lambert SR, Paysse EA, **Wallace DK.** “Difficult Problems, Non-Strabismus Workshop”, 32nd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Keystone, CO, March, 2006.

Ramsey JE, Bradford GE, Chamblee D, Collins ML, Hered RW, Tien DR, **Wallace DK**. Develop Your Own State Wide Preschool Vision Screening Program: Legislative, Regulatory, and Programmatic Issues. 33rd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Seattle, Washington, April, 2007.

**Wallace DK**, Coats DK, Chiang MF, Palmer E, Quinn G, Saunders R. “Current Controversies in Retinopathy of Prematurity”, 33rd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Seattle, Washington, April, 2007.

Holmes JM, Repka MX, Hertle RW, **Wallace DK.** “The Amblyopia Treatment Studies: A 2007 Perspective”, 33rd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Seattle, Washington, April, 2007.

**Wallace DK,** Ells AL, Quinn GE, Fielder AR, Hildebrand PL**.** “Recent and Future Advances in Retinopathy of Prematurity”, Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana, November 13, 2007.

Edmond JC., Donahue SP,Paysee EA,Plager DA, Siatkowski RM, **Wallace DK.** “LEO Update Course on Pediatric Ophthalmology”, Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana, November 13, 2007.

**Wallace DK**, Coats DK, Chiang MF, Palmer E, Fielder A, Lee T. “Current Controversies in Retinopathy of Prematurity”, 34th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, D.C., April, 2008.

Fielder AR,Quinn GE, **Wallace DK,** Hildebrand PL, Ells AL, Holmstrom GE**.** “Tricky Issues in Retinopathy of Prematurity”, Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, November 9, 2008.

Edmond JC., Katowitz WR, Paysee EA, **Wallace DK,** Plager DA. “LEO Update Course on Pediatric Ophthalmology”, Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, November 9, 2008.

Archer SM, Levy RL, Traboulsi EI, **Wallace DK,** VanderVeen DK. Panelist / Discussant for Pediatric Ophthalmology Original Papers, Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia, November 11, 2008.

Forbes B, Edmund J, Levin A, Olitsky S, Struck M, **Wallace DK**. “Difficult Problems – Non-Strabismus” Workshop, 35th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Francisco, CA, April, 2009.

Musch DC, Clemons TE, Colton T, Danis RP, Ferris FL, Gillespie BW, Glassman AR, Hawkins BS, Hennekens CH, Novack GD, Sugar E, **Wallace DK.** ARVO Advanced Three-Day Course: Principles and Concepts in Clinical Trials for Eye Researchers. San Francisco, CA, September 3-5, 2009.

Gordon MO, Afshari N, Ip MS, Pollack-Rundle C, **Wallace DK**. ARVO Course: How to set up and manage a clinical trial site. San Francisco, CA, October 23, 2009.

**Wallace DK.** Retinopathy of Prematurity. Moderator for “Breakfast with the Experts”. Annual Meeting of the American Academy of Ophthalmology, San Francisco, CA, October 26, 2009.

Forbes B, Nischal K, Olitsky S, **Wallace DK,** Donahue S. “Difficult Problems – Non-Strabismus” Workshop, 36th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, FL, April, 2010.

Jaafar M, Binenbaum G, Guo S, Holmes J, **Wallace DK**. Medical Literature – Reading It and Writing It. 36th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, FL, April, 2010.

Gordon MO, Cheetham J, Ip MS, Pollack-Rundle C, **Wallace DK**. ARVO Course: How to set up and manage a clinical trial site. Chicago, IL, October 15, 2010.

Holmes JM, Repka MX, **Wallace DK**. Amblyopia Treatment Today and Tomorrow. Workshop, 37th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Diego, CA, April, 2010.

Rainey M, Zobal-Ratner J, Arnoldi K, Bacal D, Drack A, Kekunnaya R, Roper-Hall G, **Wallace DK**, Weaver D. What’s New and Important in Pediatric Ophthalmology. Workshop, 37th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Diego, CA, April, 2011.

Forbes B, Nischal K, Olitsky S, **Wallace DK,** Donahue S, Rutar T. “Difficult Problems – Non-Strabismus” Workshop, 37th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Diego, CA, April, 2011.

Gordon MO, Cheetham J, Van Stavern G, Pollack-Rundle C, **Wallace DK**. ARVO Course: How to set up and manage a clinical trial site. Orlando, FL, October 21, 2011.

Rainey M, Zobal-Ratner J, Arnoldi K, Bacal D, Drack A, Kekunnaya R, Roper-Hall G, **Wallace DK**, Weaver D. What’s New and Important in Pediatric Ophthalmology. Annual Meeting of the American Academy of Ophthalmology, Orlando, FL, October, 2011.

Siatkowski RM, Summers CG, **Wallace DK**. Spotlight on Pediatric Ophthalmology Symposium. Annual Meeting of the American Academy of Ophthalmology, Orlando, FL, October, 2011.

**Wallace DK.** “Treatment of Severe ROP: Why We Need More Clinical Trials, in: Karr DJ, Chiang MF, Mintz-Hittner HA, Wallace DK, Ruben JB. ROP 2012, Laser Photocoagulation and Bevacizumab: Treatment Indications and Long-Term Considerations. AAP/AAPOS Workshop. 38th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Antonio, TX, March, 2012.

**Wallace DK**. “What is the Study Question?” in: Quinn, et al, AAPOS Research Committee. Why is an Evidence Base Needed for Changes in Clinical Care? 38th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Antonio, TX, March, 2012.

Holmes JM, Repka MX, **Wallace DK**. Controversies in Pediatric Ophthalmology: Do We Need Randomized or Non-Randomized Studies? 38th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Antonio, TX, March, 2012.

**Wallace DK.** Section Moderator for “Retinopathy of Prematurity” and “Evolving Technologies in Pediatric Eye Care” at American Academy of Ophthalmology Pediatric Subspecialty Day, Chicago, IL, November 10, 2012.

**Wallace, DK.** “Retinopathy of Prematurity” Learning Lounge Discussion. Annual Meeting of the American Academy of Ophthalmology, New Orleans, LA, November, 2013.

**Wallace DK**. “Amblyopia Treatment: Pearls from the PEDIG Studies.” Moderator for Breakfast with the Experts. Annual Meeting of the American Academy of Ophthalmology, Chicago, IL, October, 2013.

Capo H, O’Brien T, Traboulsi E, **Wallace DK**. Panelist and Discussant for Pediatric Ophthalmology and Strabismus Free Papers at the Annual Meeting of the American Academy of Ophthalmology, Las Vegas, NV, November 16, 2015.

**Wallace DK**, Chiang MF, Freedman SF, Good WV, Mintz-Hittner HA, Lee T. “Current Controversies in Retinopathy of Prematurity,” Workshop at the 42nd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Vancouver, B.C., Canada, April, 2016.

**Wallace DK**. “Pediatric Eye Disease Investigator Group” in “So you want to be a leader in pediatric ophthalmology?” Workshop, 44th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, DC, March, 2018.

**Wallace DK**. Presenting panelist in “Difficult problems – not strabismus” workshop. 44th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, DC, March, 2018.

**Wallace DK**. Moderator for “Rapid Fire Posters,” 44th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, DC, March, 2018.

Sloper J, **Wallace DK**. “Amblyopia: What’s New in Management” Moderator for Breakfast Club Session, World Ophthalmology Congress, Barcelona, Spain, June 19, 2018.

**Wallace DK.** Session organizer and moderator for “Eye Trauma and Child Abuse” symposium. Combined Meeting of the Royal Australian and New Zealand College of Ophthalmologists and the American Association for Pediatric Ophthalmology and Strabismus. Sydney, Australia, November, 2019.

**POSTER PRESENTATIONS:**

Fahad B, **Wallace DK**, Helveston EM. Long-Term Results of Early Surgery for Congenital Esotropia, Pan Arab Ophthalmological Meeting, Marakech, Morocco, April 10-14, 1995.

**Wallace DK**, Sprunger DT, Helveston EM, Ellis FD. Surgical Management of Strabismus Associated with Chronic Progressive External Ophthalmoplegia, 22nd Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Snowbird, UT, March 1996.

**Wallace DK**, Plager DA, Snyder SK, Raiesdana A, Helveston EM, Ellis, FD. Surgical Treatment of Secondary Glaucomas of Childhood, 100th Annual Meeting of the American Academy of Ophthalmology, Chicago, IL, October , 1996.

**Wallace DK**, Kylstra JA, Phillips SJ, Hall JG. Poor Postnatal Weight Gain: An Additional Risk Factor for Severe Retinopathy of Prematurity. 101st Annual Meeting of the American Academy of Ophthalmology, San Francisco, CA, October, 1997.

**Wallace DK**, Pathak AK, Sullivan MS. Evaluation of the Induced Tropia Test in the Detection of Amblyopia. 26th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Diego, CA, April, 2000, and Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2000.

Helpert CA, **Wallace DK**, Sullivan MS. Horizontal Strabismus in Congenital Unilateral Superior Oblique Palsy. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2000.

Rich CC, **Wallace DK**, Kylstra JA. Importance of Timing of Blood Transfusions Associated with Retinal Vascular Dilation and Tortuosity in Retinopathy of Prematurity. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2000.

Foley JC, **Wallace DK**. Natural History of Hyperopic Anisometropia in Children. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2001.

Rosada R, **Wallace DK**, Sullivan MS. Prognostic Significance of the Crowding Phenomenon in Amblyopia. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2002.

Brown T, **Wallace DK**. Comparison of Intraoperative Versus Postoperative Adjustable Suture Strabismus Surgery. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2002.

**Wallace DK**, Jomier J, Aylward S, Landers MB. Computer Automated Quantification of Plus Disease in Retinopathy of Prematurity. The Retina Congress, San Francisco, California, September, 2002.

Simon JW, Sood S, Archer S, Hutchinson A, Kushner BJ, **Wallace DK**. Vitrectomy for Non-Clearing Vitreous Hemorrhage in Infancy. 29th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Waikoloa, Hawaii, March, 2002.

**Wallace DK**, Ells AL. Natural Progression and Significance of Pre-plus Vascular Changes in Retinopathy of Prematurity. 29th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Waikoloa, Hawaii, March, 2002.

# Wallace DK, Capone A Jr., Jomier J, Aylward SR, Landers MB III, Trese MT, The PHOTO-ROP Study Group. Computer Automated Quantification of Plus Disease in RetCam Images of Retinopathy of Prematurity. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2003.

Rosada R, **Wallace DK**. Comparison of Different Powers of Condensing Lenses for Estimation of Zone I Border in Retinopathy of Prematurity. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2003.

Jomier J, **Wallace DK**, Aylward SR. Quantification of retinopathy of prematurity via vessel segmentation. International Conference on Medical Image Computing and Computer-Assisted Intervention, Montreal, Canada, November 2003.

**Wallace DK**, Carlin DS, Wright JD.Evaluation of the Accuracy of Estimation Retinoscopy. 30th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, D.C., March, 2004, and Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, April, 2004.

**Wallace DK,** Zhao Z, Freedman SF. A Pilot Study Using “ROPTool” to Quantify Plus Disease in Retinopathy of Prematurity. 33th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Seattle, Washington, April, 2007.

Zhao Z, **Wallace DK**, Freedman SF, Aylward S. A Tool for Computer-Aided Diagnosis of Retinopathy of Prematurity" SPIE Medical Imaging, San Diego, CA, February, 2008.

Yanovitch TL, Freedman SF, **Wallace DK**.The Importance of Dilation and Tortuosity in Diagnosing Plus Disease. 34th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, D.C. April, 2008.

Kemper AR, Freedman SF, **Wallace DK**.Providing Retinopathy of Prematurity Care: A Workforce Analysis. 34th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Washington, D.C. April, 2008.

**Wallace DK,** Ahmad S, Freedman SF, Zhao Z. Computer-Assisted Assessment of Plus Disease in Retinopathy of Prematurity Using Video Indirect Ophthalmoscopy Images. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, April, 2008.

**Wallace DK**, Freedman SF, Zhao Z. A Pilot Study Using ROPtool to Measurement of Retinal Vascular Dilation Using ROPtool. 35th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Francisco, CA, April, 2009.

Yanovitch TL, **Wallace DK,** Freedman SF, Enyedi LB, Young TL.Success Rates of Adjustable and Non-adjustable Strabismus Surgery in Adults. 35th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Francisco, CA, April, 2009.

Kulp MT, **Wallace DK**, Lazar E, Hopkins KB, on behalf of the Pediatric Eye Disease Investigator Group. Stereoacuity in Children with Anisometropic Amblyopia. Annual Meeting of the American Academy of Optometry, Orlando, FL, November, 2009.

Maldonado RS, Izatt JA, Sarin N, Vosburgh R, Freedman SF, **Wallace DK**, Cotton CM, Toth CA. Systematic Transition to a Portable Spectral Domain Optical Coherence Tomography (SD-OCT) Hand-Held System for Imaging Neonates, Infants, and Children. 36th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, Orlando, FL, April, 2010.

Rabinovich CE, Wootton J, Zeme L, Imundo L, Weiss J, Abramson L, Hoetzl M, Levy D, **Wallace DK**. Multicenter Prospective Registry of Infliximab Use for Childhood Uveitis

Childhood Arthritis and Rheumatology Research Alliance (CARRA) Annual Research Scientific Meeting, Chicago, Illinois, April, 2010.

Chen ML, Allred EN, Hecht JL, Onderdonk A, Vanderveen D, **Wallace DK**, Leviton A, Dammann O. Antenatal Inflammation and Retinopathy of Prematurity. Pediatric Academic Societies' Annual Meeting, Vancouver, BC, Canada, May, 2010.

Kulp MT, **Wallace DK**, Lazar E, Melia M, Birch E, Holmes J, Hopkins KB, Tamkins S, Pang Y, Weise K, on behalf of the Pediatric Eye Disease Investigator Group. Stereoacuity In Children With Anisometropic Amblyopia. Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2010.

Estrada R, Tomasi C, **Wallace DK**, Freedman SF, Farsiu S. Method for Acquiring Enhanced, Panoramic Images From Video Indirect Ophthalmoscopy for Evaluation of Retinopathy of Prematurity (ROP). Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May, 2010.

Lee AC, Maldonado RS, Sarin N, O’Connell RV, **Wallace DK**, Freedman SF, McCall MN, Winter, KP, Cotten M, Toth CA. Spectral Domain Optical Coherence Tomography as an Adjunct to Indirect Ophthalmoscopy in ROP. Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois, October, 2010.

Cabrera MT, Freedman SF, Chen BB, **Wallace DK**. Real-time, Computer-Assisted Quantification of Plus Disease at the Bedside. 37th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, San Diego, CA, April, 2010.

Lee JW, McElrath TF, Chen M, **Wallace DK**, Allred EN, Leviton A, Dammann O. Pregnancy Disorders Appear To Modify The Risk For Retinopathy of Prematurity Associated With Neonatal Hyperoxemia and Bacteremia. New England Perinatal Society. Newport, RI., March 9, 2012.

Lee JW, McElrath TF, Chen M, **Wallace DK**, Allred EN, Leviton A, Dammann O. Pregnancy Disorders Appear to Modify The Risk for Retinopathy of Prematurity Associated with Neonatal Hyperoxemia and Bacteremia. Pediatric Academic Societies Meeting. Boston, MA. April 30, 2012.

Gertsch KR, **Wallace DK**, Ulrich JN, Enyedi LB, Cabrera M. [Computer-assisted quantification of plus disease after treatment of retinopathy of prematurity with intravitreal bevacizumab](http://www.sciencedirect.com/science/article/pii/S1091853112004703). 40th Annual Meeting of the American Association for Pediatric Ophthalmology and Strabismus, 2013.

Vickers LA, **Wallace DK**, Freedman SF, Estrada R, Farsiu S, Prakalapakorn SG.  Improved Speed and Accuracy of Plus Disease Quantification Using Image Fusion Methodology. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, Boston, MA, April 2013.

Prakalapakorn SG, Freedman SF, **Wallace DK**. Evaluation of an Indirect Ophthalmoscopic Digital Photographic System (Keeler) as a Retinopathy of Prematurity (ROP) screening tool. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, Boston, MA, April 2013 – awarded “Best of Show”

Prakalapakorn SG, **Wallace DK**, Freedman SF. Evaluation of a portable, non-contact digital fundus camera (Pictor) in premature infants. The Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, WA. May 2013.

**Wallace DK**, Lazar EL, Hoover D, Tamkins S, Pediatric Eye Disease Investigator Group. Time Course and Predictors of Amblyopia Improvement with 2 Hours of Daily Patching. Annual Meeting of the Association for Research in Vision and Ophthalmology, Seattle, WA, May, 2013.

Austeng D, Maldonado RS, Freedman SF, **Wallace DK**, Toth CA. New onset macular edema after laser photocoagulation for retinopathy of prematurity. Annual Meeting of the Association for Research in Vision and Ophthalmology, Seattle, WA, May, 2013.

Tran-Viet D, Maldonado RS, Yuan E, Tong AY, **Wallace DK**, Freedman SF, Toth CA. Handheld Spectral Domain Optical Coherence Tomography Imaging in Undilated Preterm Infants in the NICU. Annual Meeting of the Association for Research in Vision and Ophthalmology, Seattle, WA, May, 2013.

Vickers LA, Freedman SF, **Wallace DK**, Prakalapakorn SG. ROPtool Analysis of Images from a Non-contact Handheld Fundus Camera. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, New Orleans, LA. March 2015 and Duke Eye Center annual residents fellows day. June 2014.

Raufi NN, Morris CK, Freedman SF, **Wallace DK**, Prakalapakorn SG. Facilitated versus self-guided training for grading of retinal images for ROP. American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, New Orleans, LA. March 2015.

Duncan JE, Freedman SF, **Wallace DK**, Prakalapakorn SG.  Evaluation of Trainees’ ability to acquire retinal images of premature infants using an indirect ophthalmoscopy system, American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, New Orleans, LA. March 2015.

Raufi NN, **Wallace DK**, Freedman SF, Prakalapakorn SG. ROPtool Assessment of Pictor images for Retinopathy of Prematurity. The Association for Research in vision and Ophthalmology Annual Meeting, Denver, CO. May 2015.

**Presentations and Invited Lectures (REGIONAL):**

Haider, KM, Boente, CS, **Wallace DK.** "Retinopathy of prematurity: How we got here, our current understanding, and future areas to study." Indiana University Department of Pediatrics Grand Rounds, Indianapolis, IN, August 19, 2020.

**Wallace DK.**  “Amblyopia and Strabismus.” Indiana Academy of Ophthalmology - Continuing Education Meeting for Ophthalmic Technicians. Indianapolis, IN, September 13, 2019.

**Wallace DK.** “Recent Advances in Treatment of Retinopathy of Prematurity.” Indiana University School of Optometry Vision Science Day, Bloomington, IN, July 13, 2018.

**Wallace DK.** “Anti-VEGF treatment of ROP, which drug and what dose?” Midwest Pediatric Retina Symposium, Lurie Children’s Hospital, Northwestern Medical Center, Chicago, IL, June 1, 2018.

**Wallace DK.** “Anti-VEGF vs. Laser for Severe ROP.” Duke Pediatric Vitreoretinal Course. Durham, NC, March 24, 2017.

**Wallace, DK.** Guest Speaker at the Fusion Society. “PEDIG Potpourri.” Asheville, NC, March 18, 2017.

**Wallace DK.** Keynote Speaker at Pediatric Ophthalmology Meeting of the Southeast. “Treatment of Severe ROP: The Times They Are A Changin.’” Atlanta, GA, September 17, 2016.

**Wallace DK**. “Anti-VEGF Treatment for ROP: Which drug and what dose?” Annual Meeting of the Indiana Fellows’ Alumni Association, Indianapolis, IN, September 11, 2016.

**Wallace DK. “**Retinopathy of Prematurity.” Duke Eye Center Spring 2015 Vision Quest, May 2, 2015.

**Wallace DK,** Movshon JA. “Clinical and Basic Science Aspects of Amblyopia.” Duke Eye Center Science of Disease Symposium, February, 2014.

**Wallace DK.** “Pediatric Retinal imaging using video indirect ophthalmoscopy.” The essentials of pediatric OCT and imaging. Durham, NC, February 1, 2013.

**Wallace DK.** “Uveitis in Children.” Duke Pediatric Rheumatology Conference, Durham, NC, December 9, 2010.

**Wallace DK.** “Practical Approach to Diplopia.” Annual Meeting of the North Carolina Society of Eye Physicians and Surgeons. Pinehurst, NC, September 12, 2010.

**Wallace DK**. “Update on Amblyopia Treatment.” Annual Meeting of the North Carolina Society of Eye Physicians and Surgeons. Pinehurst, NC, September 12, 2010.

**Wallace DK.** “Amblyopia and Strabismus.” North Carolina Regional Continuing Education Meeting for Ophthalmic Medical Personnel. Pinehurst, NC, September 10, 2010.

**Wallace DK. “**Amblyopia and Strabismus.” 36th Alexander Spock Postgraduate Symposium, Duke University Medical Center, Durham, NC, November 7, 2009.

**Wallace DK**, et al. “What Went Wrong? Pearls from Surgical Subspecialists”. Annual Meeting of the North Carolina Pediatric Society, Asheville, NC, August, 2009.

**Wallace DK,** Kemper AR. Retinopathy of Prematurity: Looking to the Future, Duke Department of Pediatrics Grand Rounds, Durham, North Carolina, November 18, 2008.

Toth CA, **Wallace DK.** Recent Advances in Pediatric Retinal Imaging. Duke Neonatology Grand Rounds, Durham, NC, August 29, 2008.

**Wallace DK**, et al. “What Went Wrong? Pearls from Surgical Subspecialists”. Annual Meeting of the North Carolina Pediatric Society, Myrtle Beach, South Carolina, August, 2008.

**Wallace DK.** Evidence-Based Treatment of Retinopathy of Prematurity: Results of Clinical Trials.16th Advanced Vitreous Surgery Course, Durham, N.C., April 25, 2008.

**Wallace DK.** Computer-Assisted Analysis of Plus Disease in Retinopathy of Prematurity. 16th Advanced Vitreous Surgery Course, Durham, N.C., April 25, 2008.

Phillips D, **Wallace DK**, et al. “What Went Wrong? Pearls from Surgical Subspecialists”. Annual Meeting of the North Carolina Pediatric Society, Asheville, North Carolina, August, 2007.

**Wallace DK.** Pediatric Eye Emergencies. Third Annual Pediatric Emergency Medicine Meeting, Raleigh, NC, February 2, 2007.

**Wallace DK,** Hartnett ME. Retinopathy of Prematurity: Recent and Future Advances. Duke Eye Center Science of Disease Lecture, November 1, 2007.

**Wallace DK.** Retinopathy of Prematurity. Quarterly Meeting for Community Transition Coordinators, Center for Development and Learning, Chapel Hill, NC, May 19, 2006.

**Wallace DK, Veness-Meehan KA, Miller WC.** The effect of reducing target oxygen saturation levels on the incidence of severe retinopathy of prematurity. Duke Neonatology Rounds, Durham, NC, January 6, 2006.

**Wallace DK, Veness-Meehan KA, Miller WC.** The effect of reducing target oxygen saturation levels on the incidence of severe retinopathy of prematurity. UNC Neonatal Division Meeting, Chapel Hill, NC, January 4, 2006.

**Wallace DK, Veness-Meehan KA, Miller WC.** The effect of reducing target oxygen saturation levels on the incidence of severe retinopathy of prematurity. Indiana University Fellows Alumni Meeting, Indianapolis, IN, September 18, 2005.

**Wallace DK.** Clinical Trials in Pediatric Ophthalmology. Duke Eye Center Chairman’s Guest Lecture, Durham, NC, March 3, 2005.

**Wallace DK**, Carlin DS, Wright JD.Evaluation of the Accuracy of Estimation Retinoscopy. Indiana University Fellows Alumni Meeting, Charleston, SC, September 25, 2004.

**Wallace DK.** What’s New in Pediatric Ophthalmology. Annual Meeting of the North Carolina Pediatric Society. Sunset Beach, NC, August 20, 2004.

Cole C. **Wallace DK.** Results of Early Treatment for Retinopathy of Prematurity Clinical Trial. Annual Meeting of the North Carolina Neonatology Society, Chapel Hill, NC, April 23, 2004.

**Wallace DK.** Practical Approach to Diplopia. Annual Meeting of the North Carolina Society of Eye Physicians and Surgeons, Greensboro, North Carolina, April 24, 2003.

**Wallace DK.** Neonatal Conjunctivitis. Evidence Based Advanced Neonatal Pharmacology Conference, Charleston, South Carolina, October 7, 2002.

**Wallace DK.** New Concepts in Retinopathy of Prematurity. Scientific Symposium to Honor David E. Eifrig, MD, Chapel Hill, NC, May 4, 2002.

Drake A, McQueen C, **Wallace DK**, et al. Surgical “Pearls” – Hallway Surgical Consult: Neck and Up. Annual Meeting of the North Carolina Pediatric Society, Asheville, North Carolina, August 25, 2001.

**Wallace DK.** Current Issues in Retinopathy of Prematurity and Cortical Visual Impairment. Early Childhood LINK Conference, Atlantic Beach, North Carolina, August 9, 2001.

**Wallace DK.** Understanding the Structure and Function of the Eye. Annual Conference of the North Carolina Parents of the Visually Impaired, Raleigh, North Carolina, April 22, 2001.

**Wallace DK.** Common Pediatric Ophthalmology Office Procedures. Annual Meeting of the North Carolina Pediatric Society, Myrtle Beach, SC, September 23, 2000.

**Wallace DK**, Helpert CA, Sullivan MS. Horizontal Strabismus in Congenital Unilateral Superior Oblique Palsy (“Superior Oblique Palsy Plus Syndrome”). Indiana University Fellows Alumni Meeting, Harbor Springs, MI, June, 1999.

**Wallace, DK**. Visual Problems in Children with Developmental Delay, Tenth Annual Leo M. Croghan Conference on Developmental Disabilities, Raleigh, North Carolina, December 7, 1998.

**Wallace DK**. Retinopathy of Prematurity: Current Concepts & Complications. Wake Medical Center Neonatology Seminar, Raleigh, North Carolina, 11/96.

**Wallace, DK**. Surgical Management of Strabismus Associated with Chronic Progressive External Ophthalmoplegia, Southern Regional Orthoptic Meeting, Pinehurst, NC, May 5, 1996.

**Wallace DK**. Strabismus & Nystagmus, Parents’ Day at the Governor Morehead School for the Blind, Raleigh, North Carolina, May 1996.

**Wallace DK**. Nasolacrimal Duct Obstruction, Moses Cone Hospital Pediatric Grand Rounds, Greensboro, North Carolina, March 1996.

**Wallace, DK**. Coats’ Disease with Calcification, 13th Wills Eye Hospital Pediatric Ophthalmology Forum, Philadelphia, PA, March 1996.

**Wallace DK**. Nasolacrimal Duct Obstruction, Indiana University / T.F. Schlaegel Lecture and Pediatric Ophthalmology Update, Indianapolis, Indiana, June 1995.

**Wallace DK**, von Noorden GK. The Effect of Visual Acuity and Ocular Dominance on the 4-Diopter Prism Test, 31st Annual Meeting of the Baylor Ophthalmology Alumni Association, Houston, Texas, June 1994.

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**VIDEO PRODUCTIONS/TELEVISION OR RADIO INTERVIEWS/WEBINARS:**

Basic Eye Examination; Instructional Video for UNC Medical Students, 1996.

Prevention of Eye Trauma in Children; Interview for “Wellness Matters: Keeping Kids Safe” Television Show, 1996.

Solar Retinopathy; Interview for WRAL Channel 5 News, 1998.

“Correcting Lazy Eyes” (Amblyopia Treatment Study); Interview for Ivanhoe Broadcast News, 2002.

Participant in UNC Children’s Hospital Radiothon, November 20, 2003.

“Early Treatment Keeps Eyes Safe” (Results of Early Treatment for Retinopathy of Prematurity Study), Interview for Ivanhoe Broadcast News, 2004.

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“Screening versus Comprehensive Eye Examinations in North Carolina Children”, Interview for “Legislative Week in Review”, WUNC-TV, June, 2006.

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“Amblyopia Treatment” Duke Medicine Webinar with Laura Enyedi, MD, October, 2014.

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