

IATS Publications

(As of 8/20/14)

1. Infant Aphakia Treatment Study Group. The Infant Aphakia Treatment Study: design and clinical measures at enrollment. *Arch Ophthalmol* 2010;128:21-27. PMID3230731.
2. Infant Aphakia Treatment Study Group. A randomized clinical trial comparing contact lens and intraocular lens correction of monocular aphakia during infancy: Grating acuity and adverse events at age 1 year. *Arch Ophthalmol* 2010;128:810-818. PMID3512571.
3. Wilson ME, Trivedi RH, Morrison DG, Lambert SR, Buckley EG, Plager DA, Lynn MJ and the Infant Aphakia Treatment Study Group. Infant Aphakia Treatment Study: Evaluation of cataract morphology in eyes with monocular cataracts. *J AAPOS* 2011;15:421-426. PMID3345197.
4. Morrison DG, Wilson ME, Trivedi RH, Lambert SR, Lynn MJ and the Infant Aphakia Treatment Study Group. Infant Aphakia Treatment Study: Effects of persistent fetal vasculature on outcome at 1 year of age. *JAAPOS* 2011;15:427-431. PMID3223380.
5. Plager DA, Buckley EG, Lynn MJ, Wilson ME, Lambert SR, and the Infant Aphakia Treatment Study Group. Complications, adverse events and additional intraocular surgeries in the first year following cataract surgery in the Infant Aphakia Treatment Study. *Ophthalmology* 2011;118:2330-4. PMID3230731.
6. Beck AD, Freedman S, Lynn MJ, Bothun E, Neely D, Lambert SR and the Infant Aphakia Treatment Study Group. Glaucoma-related adverse events in the infant aphakia treatment study (IATS): One year results. *Arch Ophthalmol* 2012;130:300-305. PMID3711462.
7. VanderVeen DK, Nizam A, Lynn M, Bothun ED, McClatchey SK, Weakley DR, Lambert SR and the Infant Aphakia Treatment Study Group. Predictability of IOL calculation and early refractive status in the Infant Aphakia Treatment Study. *Arch Ophthalmol* 2012;130:293-299. PMID3329400.
8. Drews-Botsch CD, Hartmann E, Celano M for the Infant Aphakia Treatment Study. Predictors of Adherence to Occlusion therapy three months after cataract extraction in the Infant Aphakia Treatment Study. *J AAPOS* 2012;16:150-155. PMID3336096.
9. Drews-Botsch CD, Hartmann E, Kruger S, Celano M for the Infant Aphakia Treatment Study. Adherence to occlusion therapy in the six months of follow up and visual acuity among participants in the Infant Aphakia Treatment Study (IATS). *Inv Ophthalm Vis Sci* 2012;53:3368-75. PMID3374623.
10. Russell B, Ward MA, Lynn M, Dubois L, Lambert SR and the Infant Aphakia Treatment Study Group. The Infant Aphakia Treatment Study contact lens experience: One-year outcomes. *Eye & Contact lens: Science and Clinical Practice* 2012;38:234-9. PMID3386356.
11. Carrigan AK, DuBois LG, Becker ER, Lambert SR. Cost of intraocular lens vs contact lens treatment after unilateral congenital cataract surgery: Retrospective analysis at age 1 year. *Ophthalmology* 2013;120:14-19. (PMID: 23047003; PMID: 3536935)
12. Lambert SR, Lynn MJ, Dubois LE, Cotsonis GA, Hartmann EE, Wilson ME for the Infant Aphakia Treatment Study Group. Axial elongation following cataract surgery during the first year of life in the Infant Aphakia Treatment Study. *Inv Ophthalm Vis Sci* 2012;52:7539-7545. PMID3493185.

13. Bothun E, Cleveland J, Lynn MJ, Christiansen SP, Vanderveen DK, Neely DE, Kruger DJ, Lambert SR for the Infant Aphakia Treatment Study Group. One-year strabismus outcomes in the Infant Aphakia Treatment Study. *Ophthalmology* 2013;120:1227-31. PMC—In process.
14. Celano M, Hartmann EE, Drews-Botsch CD for the Infant Aphakia Treatment Study Group. Parenting stress in the Infant Aphakia Treatment Study. *Journal of Pediatric Psychology* 2013; 38(5): 484–493. PMID—In process.
15. VanderVeen DK, Trivedi RH, Nizam A, Lynn MJ, Lambert SR, for the Infant Aphakia Treatment Study Group. Predictability of Intraocular Lens Power Calculation Formulae in Infantile Eyes with Unilateral Congenital Cataract: Results from the Infant Aphakia Treatment Study. *Am J Ophthalmol* 2013; 156:1252-1260. PMC—In process.
16. VanderVeen DK, Trivedi RH, Nizam A, Lynn MJ, Lambert SR, for the Infant Aphakia Treatment Study Group. Response to Letter to the Editor Re: Predictability of Intraocular Lens Power Calculation Formulae in Infantile Eyes with Unilateral Congenital Cataract: Results from the Infant Aphakia Treatment Study. *Am J Ophthaomol* 2014;157:1333
17. Trivedi RH, Lambert SR, Lynn MJ, Wilson ME. Guidelines for prescribing initial contact lens power if refraction is not possible: Analysis of subjects enrolled in the Infant Aphakia Treatment Study. *J AAPOS* 2014;18:251-254. PMID4080905.
18. Infant Aphakia Treatment Study Group. A randomized clinical trial comparing contact lens to intraocular lens correction of monocular aphakia during infancy: HOTV optotype acuity at age 4.5 years and clinical findings at age 5 years. *JAMA Ophthalmology* 2014;132:676-682 PMID4138810.
19. Bothun E, Lynn MJ, Lambert SR. Response to Letter to the Editor Re: One-year strabismus outcomes in the Infant Aphakia Treatment Study. *Ophthalmology* (In Press. Available online June 6, 2014).
20. Wall PB, Lee JA, Lynn MJ, Lambert SR, Traboulsi EI and the IATS Group. The effects of surgical factors on postoperative astigmatism in patients enrolled in the Infant Aphakia Treatment Study (IATS). *JAAPOS* (Accepted)
21. Plager DA, Lynn MJ, Buckley EG, Wilson ME, Lambert SR. Complications in the first 5 years following cataract surgery in infants with and without IOL in the IATS. *AJO* (Accepted)
22. Felius J, Busetini C, Lynn MJ, Hartmann EE, Lambert SR for the Infant Aphakia Treatment Study Group. Nystagmus and related fixational instabilities following extraction of unilateral infantile cataract in the Infant Aphakia Treatment Study (IATS). *IOVS* (Accepted)
23. Lambert SR, Lynn MJ, Hartmann EE. Response to Letter to the Editor Re: A randomized clinical trial comparing contact lens to intraocular lens correction of monocular aphakia during infancy: HOTV optotype acuity at age 4.5 years and clinical findings at age 5 years. *JAMA Ophthalmology* (Accepted).

Submitted

1. Stout AU, Hartmann EE, Lynn MJ, Yen KG, Kruger SJ, Lambert SR and the Infant Aphakia Treatment Study Group. Stereopsis results at 4.5 years of age in the Infant Aphakia Treatment Study.(AJO)
2. Kruger S, DuBois L, Becker ER, Morrison D, Wilson L, Wilson ME, Lambert SR for the Infant Aphakia Treatment Study. Cost of intraocular lens vs. contact lens treatment after unilateral congenital cataract surgery in the Infant Aphakia Treatment Study: Retrospective analysis at age 5 years. (Ophthalmology)
3. Hartmann EE, Lynn MJ, Lambert S. Baseline Characteristics of the Infant Aphakia Treatment Study Population: Predicting Recognition Acuity at 4.5 Years of Age (IOVS)

In Preparation / Planned

1. **Glaucoma** (Sharon Freedman, Mike Lynn, Allen Beck, Faruk Orge, Erick Bothun, Scott Lambert)
2. **Myopic Shift** (David Weakley, Mike Lynn, Lindy DuBois, Ed Wilson, Deb Vanderveen, Scott Lambert)
3. **Strabismus** (Erick Bothun, Ann Stout, Genie Hartmann, Deb Vanderveen, Stacy Kruger, Scott Lambert)
4. **Strabismus Surgery** (Erick Bothun, Marla Shainberg, Lori Wilson, Stacy Kruger, Scott Lambert)
5. **Axial Elongation** (Ed Wilson, Mike Lynn, David Weakley, Scott Lambert)
6. **Specular Microscopy** (David Morrison, Bernie McCarey, Mike Lynn, Faruk Orge, Scott Lambert)
7. **Parenting Stress / Child Behavioral Checklist** (Marianne Celano, Carey Drews-Botsch, Genie Hartmann)
8. **Movement ABC** (Marianne Celano, Carey Drews-Botsch, Genie Hartmann)
9. **Visual Acuity – Age 1 vs Age 5** (Genie Hartmann, Mike Lynn)
10. **Methods for the Assessment of Adherence** (Carey Drews-Botsch, Marianne Celano, Genie Hartmann)
11. **Association of Patching Adherence and Visual Acuity** (Carey Drews-Botsch, Marianne Celano, Genie Hartmann)
12. **Longitudinal Changes in Patching Adherence (Including Baseline Predictors)** (Carey Drews-Botsch, Marianne Celano, Genie Hartmann)
13. **Adherence with Optical Correction** (Carey Drews-Botsch, Marianne Celano, Genie Hartmann, Buddy Russell)
14. **Syndromes and Associated Disorders** (Elias Traboulsi, Carey Drews-Botsch)
15. **Contact Lens Wear** (Buddy Russell, Stacy Kruger, Kathy Miller, Scott Lambert)