

**Kimberly V. Miller**  
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## EDUCATION

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|-----------------------------------|--|
| Fellowship<br>July 2010-June 2011 | University of Pittsburgh Medical Center, Eye and Ear Institute<br><i>Glaucoma</i>      |
| Residency<br>July 2007-June 2010  | University of Pittsburgh Medical Center, Eye and Ear Institute<br><i>Ophthalmology</i> |
| Internship<br>July 2006-June 2007 | Western Pennsylvania Hospital, Pittsburgh, PA<br><i>Transitional internship</i>        |
| Medical School<br>2002-2006       | Brown Medical School, Providence, RI<br><i>M.D.</i>                                    |
| Undergraduate<br>1997-2001        | Brown University, Providence, RI<br><i>A.B. American Civilization</i>                  |

## EXPERIENCE

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### **Research Assistant, 2001-2002**

Tufts-New England Medical Center, Boston, MA  
Division of Clinical Care Research  
AHRQ Evidence-based Practice Center  
New England Cochrane Center, Boston Office

### **Research Assistant, 2003-2004, 1999-2001**

Brown University, Providence, RI  
Department of Community Health  
U.S. Cochrane Center

### **Clinical Instructor, 2010-2011**

Department of Ophthalmology  
University of Pittsburgh School of Medicine  
Pittsburgh, PA

### **Assistant Professor of Ophthalmology, 2011-2015**

Glaucoma and Cataract Service  
Department of Ophthalmology  
University of Pittsburgh School of Medicine  
Pittsburgh, PA

### **Ophthalmology Residency Program Director and Director of Subspecialty Ophthalmology, 2012-2015**

VA Pittsburgh Health System

### **Chief of Ophthalmology, 2013-2015**

UPMC Shadyside Hospital

### **Director of Glaucoma, 2015-present**

LPG Ophthalmology/Rhode Island Hospital  
The Warren Alpert Medical School of Brown University  
Providence, RI

PROFESSIONAL ORGANIZATIONS

American Academy of Ophthalmology

Association for Research in Vision and Ophthalmology

American Glaucoma Society

PUBLICATIONS

Cole C, Binney G, Casey P, Fiascone J, Hagadorn J, Kim C, Lau J, Wang C, DeVine D, Miller K. Criteria for determining disability in infants and children: low birth weight. *Evid Rep Technol Assess (Summ)* 2002(70):1-7.

Lau J, Balk E, Rothberg M, Ioannidis JP, DeVine D, Chew P, Kupelnick B, Miller K. Management of clinically inapparent adrenal mass. *Evid Rep Technol Assess (Summ)* 2002(56):1-5.

Carr D, Goudas L, Lawrence D, Pirl W, Lau J, DeVine D, Kupelnick B, Miller K. Management of cancer symptoms: pain, depression, and fatigue. *Evid Rep Technol Assess (Summ)* 2002(61):1-5.

Perrin EC, Cole CH, Frank DA, Glicker SR, Guerina N, Petit K, Sege R, Volpe MV, Lau J, McFadden CA, Chew P, DeVine D, Miller K. Criteria for determining disability in infants and children: failure to thrive. *Evid Rep Technol Assess (Summ)* 2003(72):1-5.

Wheeler P, Bresnahan K, Shephard B, Lau J, Balk E, DeVine D, Chung M, Miller K. Criteria for determining disability in infants and children: short stature. *Evid Rep Technol Assess (Summ)* 2003(73):1-7.

Chung I, Burkart A, Szmydynger-Chodobska J, Dodd KA, Trimble WS, Miller KV, Shim M, Chodobski A. Expression of two membrane fusion proteins, synaptosome-associated protein of 25 kDa and vesicle-associated membrane protein, in choroid plexus epithelium. *Neuroscience* 2003;116(2):349-357.

Lawrence DP, Kupelnick B, Miller K, Devine D, Lau J. Evidence report on the occurrence, assessment, and treatment of fatigue in cancer patients. *J Natl Cancer Inst Monogr* 2004(32):40-50.

Miller KV, Eller AW. Sclerochoroidal calcifications: wide-field imaging. *Semin Ophthalmol* 2009(24):5-8.

Miller KV, Easley KM, Shanks RMQ, Lahr RM, Lathrop KL, Kowalski RP, Noecker RJ. Recurrent enterococcal endophthalmitis seeded by an intraocular lens biofilm. *J Cataract Refract Surg.* 2011 Jul;37(7):1355-9.

Noecker RJ, Miller KV. Benzalkonium chloride in glaucoma medications. *Ocul Surf.* 2011 Jul;9(3):159-62.

Kovarik JJ, Miller KV, Noecker RJ, Schuman JS. Repositioning of anterior chamber tube shunts into the ciliary sulcus. *Submitted, American Journal of Ophthalmology, December 2012.*

### BOOK CHAPTERS

Miller KV, Schuman JS, Williams ZY. "Retinal Nerve Fiber Layer Imaging in Glaucoma." Ed. Rhee DJ, Rapuono CJ. *Wills Eye Institute: Color Atlas and Synopsis of Clinical Ophthalmology: Glaucoma*, 2<sup>nd</sup> edition.

Miller KV, Schuman JS, Epstein DL. "Low Tension Glaucoma." Ed. Schuman JS, Allingham RR, Epstein DL. *Chandler and Grant's Glaucoma*, 5<sup>th</sup> edition. *Slack, 2013*.

Miller KV, Schuman JS, Epstein DL. "Pigment Dispersion and Pigmentary Glaucoma." Ed. Schuman JS, Allingham RR, Epstein DL. *Chandler and Grant's Glaucoma*, 5<sup>th</sup> edition. *Slack, 2013*.

Miller KV, Schuman JS, Epstein DL. "Primary Open Angle Glaucoma." Ed. Schuman JS, Allingham RR, Epstein DL. *Chandler and Grant's Glaucoma*, 5<sup>th</sup> edition. *Slack, 2013*.

Miller KV, Schuman JS, Epstein DL. "Practical Aqueous Humor Dynamics." Ed. Schuman JS, Allingham RR, Epstein DL. *Chandler and Grant's Glaucoma*, 5<sup>th</sup> edition. *Slack, 2013*.

### PUBLISHED ABSTRACTS

Miller KV, Eller AW, Friberg TR. Peripheral retinal vascular leakage in retinitis pigmentosa evaluated with Optos widefield fluorescein angiography. *ARVO*, May 2010.

Noecker RJ, Miller KV. Comparison of surgical times for conjunctival and scleral patch graft closure in glaucoma drainage device surgery versus sutured closure. *ASCRS* March 2011.

Miller KV, Wingard, JB, Pokabla MJ, Strunk KM, Gray JL, Noecker RJ. Comparison of 25-gauge and 27-gauge needle for mini-shunt insertion in trabeculectomy surgery by electron microscopy. *ASCRS* March 2011.

Wingard JB, Miller KV, Pokabla MJ, Strunk KM, Gray JL, Bentivegna R, Noecker RJ. Comparison of morphologic changes after multipulse laser trabeculoplasty and yellow laser trabeculoplasty by scanning electron microscopy. *ASCRS* March 2011.

Bentivegna R, Miller KV, Noecker RJ. Safety and efficacy of subconjunctival injection of mitomycin-C during topical Ex-PRESS mini glaucoma shunt surgery. *ASCRS* March 2011.

Buchser NM, Wingard JB, Miller KV, Noecker RJ. 25-gauge microsurgical forceps and fibrin glue expedite glaucoma drainage device surgery. *ARVO* May 2011.

### PRESENTATIONS

Miller KV, Eller AW. A case of infliximab-induced disc edema. Grand Rounds, UPMC Eye Center, October 19, 2007.

Miller KV, Christopoulos V. Ocular microsporidiosis. Grand Rounds, UPMC Eye Center, February 8, 2008.

Miller KV, Stefko ST. Thyroid eye disease. Pittsburgh Ophthalmology Society, October 2, 2008.

Miller KV, Samy H. A case of disc edema. Pittsburgh Ophthalmology Society, February 5, 2009.

Miller KV, Yu JY. Orbital mass: idiopathic orbital inflammation. Grand Rounds, UPMC Eye Center, May 1, 2009.

Miller KV. Eye disorders and mental health. Scholars in Vision Science, UPMC Eye Center, January 27, 2010.

PRESENTATIONS

Miller KV, Noecker RJ. Factors affecting case times in resident cataract surgery. Vision Research Day, UPMC Eye Center, June 18, 2010.

Miller KV. Moderator – Glaucoma Case Presentations. Clinical Applications of Optical Coherence Tomography. July 14, 2012

Miller, KV. Video Symposium, Techniques and Disasters. Midwest Glaucoma Symposium, September 27-28, 2013

Miller, KV. Pharmacology of Current Glaucoma Therapy. New England Ophthalmology Society, September 11, 2015.

Miller, KV. Novel Approaches to Traditional and Micro Invasive Glaucoma Surgery. Ophthalmology Grand Rounds, Brown University, September 21, 2015.