

Kristiana D. Neff, M.D.

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Columbia, SC 29203

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Appointments

Assistant Professor, Department of Ophthalmology
University of South Carolina, Columbia, SC

Education

Fellowship Cornea, External Disease, Cataract and Refractive Surgery
Preceptors: Edward J. Holland, M.D., Robert J. Cionni, M.D.
Michael Nordlund, M.D., Ph.D.
Cincinnati Eye Institute, 2008-2009
Cincinnati, OH

Residency Storm Eye Institute, 2005-2008
Medical University of South Carolina
Charleston, SC

Internship Medical University of South Carolina, 2005
General Surgery Department
Charleston, SC

M.D. Indiana University School of Medicine, 2004
Indianapolis, IN

B.S.E. Purdue University, 2000
West Lafayette, IN
Major: Biomedical Engineering, graduated with Distinction
Minor: Spanish

Publications

Gao DY, **Neff K**, Xiao Y, Matsybayashi H, Cui XD, Bonderman P, Bonderman D, Harvey K, McIntyre A, Critser J, Miraglia CC, Reid T. Development of Optimal Techniques for Cryopreservation of Human Platelets. *Cryobiology*, 38: 225-235, 1999.

Siddiqui RA, Janski LJ, **Neff K**, Harvey K, Kovacs R, Stillwell. Docosahexaenoic acid induces apoptosis in Jurkat cells by a protein phosphatase-mediated process. *Biochimica et Biophysica Acta*, 1499: 265-275, 2001.

Solomon KD, Fernandez de Castro LE, Sandoval HP, Biber JM, Groat BJ, **Neff KD**, Ying MS, French JW, Lindstrom RL. LASIK World Literature Review: Quality of Life and Patient Satisfaction. *Ophthalmology*, 116(4):691-701, 2009.

Neff KD, Sandoval HP, Fernandez de Castro LE, Vroman DT, Solomon KD. The Incidence and Factors Associated with Intraoperative Floppy Iris Syndrome. *Ophthalmology*, 116(4):658-663, 2009.

Biber JM, Holland EJ, **Neff KD**. Management of ocular stem cell disease. *International Ophthalmology Clinic*, 50(3):25-34, 2010.

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Publications

Neff KD, Biber JM, Holland EJ. Comparison of central corneal graft thickness to visual acuity outcomes in endothelial keratoplasty. *Cornea*, Oct 28, 2010.

Biber JM, Skeens HM, **Neff KD**, Holland EJ. The Cincinnati Procedure: technique and outcomes of combined living-related conjunctival limbal allografts and keratolimbal allografts in severe ocular surface failure. *Cornea*, Feb 15, 2011.

Chan CC, Holland EJ, Sawyer WI, **Neff KD**, Petersen MR, Riemann CD. Boston type 1 keratoprosthesis combined with silicone oil for treatment of hypotony in pre-phthisical eyes. *Cornea*, In Press.

Mogilishetty G, Chan CC, Skeens HM, **Neff KD**, Biber JM, Holland EJ. Systemic immunosuppression in ocular surface stem cell transplantation: Results of a 10-year experience. *Cornea*, Submitted.

Book Chapters

Neff KD, Holland EJ, Schwartz GS. *Cornea: Fundamentals, Diagnosis, and Management, Third Edition*. Chapter 61: Ligneous Conjunctivitis. Mosby Elsevier, 2011.

Holland EJ, Schwartz GS, **Neff KD**. *Cornea: Fundamentals, Diagnosis, and Management, Third Edition*. Chapter 83: Herpes Simplex Keratitis. Mosby Elsevier, 2011.

Neff KD, Probst LE. *Cornea: Fundamentals, Diagnosis, and Management, Third Edition*. Chapter 166: Laser Vision Correction Complications. Mosby Elsevier, 2011.

Nordlund ML, **Neff KD**, Holland EJ. *Cornea: Fundamentals, Diagnosis, and Management, Third Edition*. Chapter 166: Combined Phacoemulsification and Endothelial Keratoplasty. Mosby Elsevier, 2011.

Snyder ME, **Neff KD**. Iris Prostheses: Overview and Design. Editors: Ehud Assia, Guy Kleineman, David Apple. In Press.

Invited Lectures and Presentations

Neff KD, De Castro L, Sandoval HP, Vroman, DT, Solomon KD. The Incidence and Factors Associated with Intraoperative Floppy Iris Syndrome. ASCRS, San Francisco, CA, March 2006.

Neff KD, Cavanagh C, Chavis P. Uveitis. JHACPO, Storm Eye Institute/ASCRS Update Meeting, Kiawah, SC, June 2006.

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Invited Lectures and Presentations

Neff KD, De Castro L, Sandoval HP, Vroman DT, Solomon KD. The Incidence and Factors Associated with Intraoperative Floppy Iris Syndrome. Storm Eye/ASCRS Clinical Update, Kiawah, SC, June 2006.

Neff KD, De Castro L, Sandoval HP, Vroman DT, Solomon KD. Update on the Incidence and Factors Associated with Intraoperative Floppy Iris Syndrome. Carolina Ophthalmology Symposium, Hilton Head, SC, August 2006.

Neff KD, Cavanagh C, Chavis P. Uveitis. JHACPO, American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November 2006.

Neff KD, Solomon KD, Vroman DT. Techniques for Iris Reconstruction. Bascom Palmer Eye Institute: Cataract and Refractive Surgery Congress, Miami, FL, February 2007.

Neff KD, Sandoval HP, Vroman DT, Solomon KD. An Assessment of Higher Order Aberrations using Hartmann-Shack Aberrometry and Scheimpflug Imaging (Pentacam). ASCRS, San Diego, CA, April 2007.

Neff KD, Solomon KD, Vroman DT. The Iris: Surgical Challenges. JHACPO, ASCRS, San Diego, CA, April 2007.

Neff KD, Sandoval HP, Vroman DT, Solomon KD. An Assessment of Higher Order Aberrations using Hartmann-Shack Aberrometry and Scheimpflug Imaging (Pentacam). Storm Eye/ASCRS Clinical Update, Kiawah, SC, May 2007.

Neff KD, Sandoval HP, Fernandez de Castro L, Vroman DT, Solomon KD. Effect of Iris Registration on the Outcomes of Wavefront-Guided LASIK. ASCRS, Chicago, IL, April 2008.

Neff KD, Sandoval HP, Fernandez de Castro L, Vroman DT, Solomon KD. Effect of Iris Registration on the Outcomes of Wavefront-Guided LASIK. Storm Eye/ASCRS Clinical Update, Kiawah, SC, May 2008.

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

Neff KD, Holland EJ. Comparison of Central Corneal Graft Thickness and Visual Acuity Outcomes in Endothelial Keratoplasty. University of Cincinnati: 14th Annual Ophthalmology Conference and Research Symposium, Cincinnati, OH, April 25, 2009.

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Invited Lectures and Presentations

Hung J, Neff KD. Difluprednate use in corneal transplantation. Women in Ophthalmology Summer Symposium, August 13, 2010.

Hung J, Neff KD. Malugyn ring use by residents during cataract surgery. Accepted for presentation at ASCRS 2011.

Professional Memberships

American Academy of Ophthalmology
American Society of Cataract and Refractive Surgery
The Cornea Society
South Carolina Medical Association
Women in Ophthalmology
American Medical Association, 25th annual AMA-MSS convention delegate
Indiana State Medical Association, Representative to Commission of
Constitution and Bylaws, 2003-2004
American College of Surgeons, Participant in the Medical Student Program of
89th Clinical Congress
American Medical Women's Association

Certifications

Board Certified in Ophthalmology, November 2009
VISX Excimer Laser Certification
LOCS III Certification
Advanced Cardiac Life Support
United States Licensing Examination Step 1, 2, 3

Medical Licensure

Ohio
South Carolina (medicine and surgery)

Honors & Awards

EBAA Young Physician Leaders Institute, Inaugural class 2011
Alpha Omega Alpha Honor Medical Society
Ambulatory Care Services Applause Awards, 2006-2007
Peter V. Westhaysen Medical Education Trust Scholarship, 2000-2003
Fred E. Gifford Scholarship, 2003