

CURRICULUM VITAE

BIOGRAPHICAL

Name: Deepinder Kaur Dhaliwal, M.D.

Business Address: Department of Ophthalmology
University of Pittsburgh School of Medicine
203 Lothrop Street
Pittsburgh, PA 15213

Business Phone: 412 - 647-2214

Birth Place: Evanston, IL USA
Citizenship: USA
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EDUCATION and TRAINING

Undergraduate:

1984 - 1986 Northwestern University, Evanston, IL
Honors Program in Medical Education
Degree: B.S.M. 1988

Graduate:

1986 - 1990 Northwestern University Medical School
Chicago, IL
Degree: M.D. 1990

Postgraduate:

7/1990 – 6/1991 Transitional Medicine Internship
Evanston Hospital (Northwestern University/McGaw Medical Center)
Evanston, Illinois

7/1991 – 6/1994 Residency in Ophthalmology
University of Pittsburgh, The Eye & Ear Institute
Pittsburgh, Pennsylvania

7/1994 – 6/1995 Fellowship in Refractive Surgery, Cornea/External Disease, and Anterior Segment Surgery
University of Utah, Salt Lake City, UT
Preceptors: J. Charles Casebeer, M.D. (Scottsdale, AZ) and R. J. Olsen, M.D., T. Clinch, M.D., C. Alldredge, M.D. (Salt Lake City, UT)

APPOINTMENTS and POSITIONS

9/2004 to present	Invited Member, ISRS/AAO International Council
9/2004 to present	Invited Member, Medical Advisory Board Eye Bank Association of America
11/2003 to Present	Director of Cornea and External Disease Service UPMC Eye Center, Pittsburgh, PA
10/2002 to Present	Associate Professor of Ophthalmology University of Pittsburgh School of Medicine, Pittsburgh, PA
7/1995 to Present	Chief of Refractive Surgery, Department of Ophthalmology University of Pittsburgh Medical Center, Pittsburgh, PA
7/1995 to 10/2002	Assistant Professor of Ophthalmology, Cornea and External Diseases University of Pittsburgh School of Medicine, Pittsburgh, PA
1999 to 2002	Medical Director, Casebeer Education Foundation
1999 to Present	VISX Trainer
2000 to 2002	Medical Director, Clinical Research and Statistics
2000 to 2002	Medical Monitor: CRS Study Investigating Sunrise Laser Thermokeratoplasty for the Treatment of Spherical Hyperopia
2000 to Present	Medical Director, CRS Study Investigating Intacs for the Treatment of Keratoconus
2001 to Present	Member, Editorial Board, Journal of Refractive Surgery
2001 to 2003	Invited Member, American Academy of Ophthalmology Self-Assessment Committee (Cornea Representative)
2001 to Present	Medical Director, Laser/Vision Center, University of Pittsburgh Medical Center
2002 to Present	Invited Panel Member, American Board of Ophthalmology/American Academy of Ophthalmology Cataract Knowledge Base Committee
2003 to Present	Member, Editorial Board, Review of Refractive Surgery

CERTIFICATION and LICENSURE

Specialty Certification:

1996 American Board of Ophthalmology

Medical Licensure:

1993 Commonwealth of Pennsylvania

1996 State of California

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

2004-present Eye Bank Association of America
1999-present Castroviejo Cornea Society
1996-present American Society of Cataract and Refractive Surgery
1995-present International Society of Refractive Surgery
1991-present Pennsylvania Academy of Ophthalmology
1990-present American Academy of Ophthalmology

HONORS

1989 Alpha Omega Alpha
1991 Intern of the Year
1993 Chief Resident in Ophthalmology
1999 James E. Robbins Memorial Lecturer
2000 James R. Carl "Clinical Instructor of the Year" Award presented by the senior residents, Department of Ophthalmology, University of Pittsburgh
2004 James R. Carl "Clinical Instructor of the Year" Award presented by the senior residents, Department of Ophthalmology, University of Pittsburgh
2005 Robert Miller Memorial Lecture, Northwestern University Residents' Day, June 17, 2005.
2008-Present Qualified and Listed at [Trusted LASIK Surgeons](#), a LASIK surgeon directory service that screens LASIK surgeons based on research, experience, and premier patient care

PUBLICATIONS

Refereed Articles:

1. Tripathi BJ, Tripathi RC, Borisuth NSC, Dhaliwal R, **Dhaliwal DK**. Rodent models of congenital and hereditary cataract in man. *Lens and Eye Toxicity Research* 1991; 8(4):373-413.
2. **Dhaliwal DK**, Kowalski RP, Donahue SP, Doft BH, Karenchak L. Evaluation of vitrectomy machines as a source of false-positive culture contamination in endophthalmitis? *Am J Ophth.* 1995; 119(1):62-64.
3. **Dhaliwal DK**, Mamalis N, Olson RJ, Crandall As, Zimmerman PL, Alldredge OC, Durcan FJ, Omar O. Visual significance of "glistenings" seen in the Acrysof lens. *J Cataract Refract Surg.* 1996; 22(4):452-457.
4. Azar MJ, **Dhaliwal DK**, Bower KS, Kowalski RP, Gordon YJ. Possible consequences of shaking hands with your patients with epidemic keratoconjunctivitis. *Am J Ophth* 1996; 121(6):711-712.
5. Bower KS, **Dhaliwal DK**, Barnhorst DA, Warnicki JW. Pellucid marginal degeneration with superior corneal thinning. *Cornea* 1997; 16(4):483-485.
6. **Dhaliwal DK**, Barnhorst DA, Romanowski E, Rehkopf PG, Gordon YJ. Efficient reactivation of latent herpes simplex virus type i infection by excimer laser keratectomy in the experimental rabbit ocular model. *Am J Ophth.* 1998; 125(4):488-492.
7. **Dhaliwal DK**, Romanowski EG, Yates KA, Barnhorst DA, Goldstein MH, Deeter RG, Fish DN, Gordon YJ. Valacyclovir inhibits recovery of ocular HSV-1 after experimental reactivation by excimer laser keratectomy. *Cornea* 1999; 18(6):693-699.
8. Cook DR, **Dhaliwal DK**, Davis PJ, Davis J. Anesthetic interference with laser function during excimer laser procedures in children. *Anesthesia & Analgesia.* 2001; 9(6):1444-1445.
9. **Dhaliwal DK**, Romanowski EG, Yates KA, Hu D, Goldstein M, and Gordon YJ. Experimental laser-assisted in situ keratomileusis induces the reactivation of latent herpes simplex virus. *AJO.* 2001; 131(4):506-507.
10. **Dhaliwal DK**, Romanowski EG, Yates KA, Hu D, Mah FS, Fish DN, and Gordon YJ. Valacyclovir inhibition of recovery of ocular herpes simplex virus type 1 after experimental reactivation by laser in situ keratomileusis. *Journal of Cataract & Refractive Surgery.* 2001, 27(8):1288-1293.
11. Keverline MR, Kowalski RP, and **Dhaliwal DK**. In Vitro comparison of ciprofloxacin, ofloxacin, and povidone-iodine for surgical prophylaxis. *Journal of Cataract & Refractive Surgery.* 2002, 28(6):915-916.

12. Kowalski RP, **Dhaliwal DK**, Karenchak LM, Romanowski EG, Mah FS, Ritterband DC, Gordon YJ. Gatifloxacin and Moxifloxacin: An In Vitro Susceptibility Comparison to Levofloxacin, Ciprofloxacin, and Ofloxacin Using Bacterial Keratitis Isolates. *Am J Ophthalmol*. 2003; 136:500-505.
13. Bailey MD, Mitchell GL, **Dhaliwal DK**, and Zadnik K. Patient satisfaction and visual symptoms after laser in situ keratomileusis. *Ophthalmology*. 2003; 110:1371-1378
14. Bailey MD, Mitchell GL, **Dhaliwal DK**, Boxer Wachler BS, Olson MD, Shovlin JP, Pascucci SE, Zadnik K. Reasons why patients recommend laser in situ keratomileusis to others. *J Cataract Refract Surg*. 2004; 30:1861-1866.
15. **Dhaliwal DK**. Consultation Section: Sutureless triplanar scleral tunnel incision. *J Cataract Refract Surg*. 2004; 30:1619.
16. Bailey MD, Twa MD, Mitchell GL, **Dhaliwal DK**, Jones LA, McMahon TT. The repeatability of autorefractometry and axial length measurements after LASIK. *Journal of Cataract and Refractive Surgery*, 2005; 31:1025-1034.
17. Kowalski RP, **Dhaliwal DK**. Ocular bacterial infections: current and future treatment options. *Expert Review of Antiinfective Therapy*. 2005; 3:131-139.
18. Mah FS, Romanowski EG, **Dhaliwal DK**, Yates KA, Gordon YJ. Role of topical fluoroquinolones on the pathogenesis of diffuse lamellar keratitis in experimental in vivo studies. *J Cataract Refract Surg*. 2006 Feb; 32(2):264-8.
19. Christopoulos V, Kagemann L, Wollstein G, Ishikawa H, Gabriele ML, Wojtkowski M, Srinivasan V, Fujimoto JG, Duker JS, **Dhaliwal DK**, Schuman JS. In vivo corneal high-speed, ultra high-resolution optical coherence tomography. *Arch Ophthalmol*. 2007 Aug; 125(8):1027-35.
20. Isawi H, **Dhaliwal DK**. Corneal melting and perforation in Stevens Johnson syndrome following topical bromfenac use. *J Cataract Refract Surg*. 2007 Sep; 33(9):1644-6.

Review Articles:

Pollock DA, Barnhorst DA, Awad OE, **Dhaliwal DK**. Conjunctivitis: Differential Diagnosis and Treatment. *Current Concepts in Ophthalmology* 1997, 5:23-32.

Hu DE, Sankar PS, Chang BM, **Dhaliwal DK**. Dry Eye syndrome. *Current Concepts in Ophthalmology* 1999, 7:29-33.

Mah FS, **Dhaliwal DK**. LASIK Review. *Current Concepts in Ophthalmology* (In Press).

Scherer J, **Dhaliwal DK**. Update – Dry Eye Syndrome. *Current Concepts in Ophthalmology*, 2002, 10:19-23.

Dhaliwal DK and Mather R. New developments in cornea and external disease – LASIK. *Ophthalmology Clinics of North America*. 2003; 16(1):119-125.

Book Chapters:

Grewal RK, **Dhaliwal DK**, Hersh P, Zigelbaum, BM. Anterior Segment Injuries. *Sports Ophthalmology*. Cambridge: Blackwell Science, Inc., 1996:184-209.

Dhaliwal DK. Refractive Errors. *The Merck Manual*. 17th edition. Whitehouse Station, Merck Research Laboratories, 1999; 741-744.

Portnoy SL, **Dhaliwal DK**, Franklin RM. Scleritis. A Review. *Retina*. Third Edition. Medical Retina, Ryan S. (ed), C. V. Mosby, St Louis, MO, 1999.

Dhaliwal DK. LASIK in Pediatric Eyes. *Step by Step LASIK Surgery*. Vajpayee RB, Sharma N, Melki S, Sullivan L. (eds), Jaypee Brothers Medical Publishers, 2003; 167-169.

Dhaliwal DK. Refractive Errors. *The Merck Manual*. 18th edition. 2004.

Dhaliwal DK. The Pros of Pediatric LASIK. *LASIK: Advances, Controversies, and Custom*. Probst LE (ed). Slack, Inc. 2004; 299-302.

Journals:

Guest Editor: *Seminars in Ophthalmology*. Excimer Laser Part I, Vol 11(3), 1996

Guest Editor: *Seminars in Ophthalmology*. Excimer Laser Part II, Vol 11(4), 1996

Published Abstracts:

Dhaliwal DK, Dhaliwal AS. Effects of the Extracts of Allium porrum on the Multiplication of Tobacco Mosaic Virus. Transactions of the Illinois State Academy of Science: Abstract, p.13, 1984.

Dhaliwal DK, Roat MI, Kowalski RP. Sensitivity of Giemsa Stain in the Diagnosis of Acanthamoeba Keratitis. Invest Ophthal Vis Sci. 33:1318, 1992.

Dhaliwal DK, Donahue SP, Doft BH, Karenchak L. Are Vitrectomy Machines a Source of False-Positive Contamination in Endophthalmitis? Invest Ophthal Vis Sci. 34:1259, 1993.

Azar MJ, Kowalski RP, Karenchak LM, **Dhaliwal DK**, Bower KS, Gordon YJ. The Recovery of Adenovirus from the Hands of EKC Patients. Invest Ophthal Vis Sci. 34:1003, 1993.

Bower KS, Kowalski RP, **Dhaliwal DK**, Gordon YJ. Contact-lens related keratitis: Is topical fluoroquinolone therapy adequate? ARVO Abstracts. Invest Ophthalmol Vis Sci 1996;37(3,suppl):4055.

Guibord, NM, Fanous MM, **Dhaliwal, DK**, Hu D, Goldstein MH: Effect of Laser in situ keratomileusis on intraocular pressure. ARVO Abstracts. Invest Ophthalmol Vis Sci 1999; 40(4,suppl):4717.

Keverline MR, Kowalski RP, Karenchak LM, **Dhaliwal DK**. Ciprofloxacin vs. ofloxacin vs. iodine/povidone for topical surgical prophylaxis: An in-vitro time-kill analysis. Invest Ophthalmol Vis Sci 2000;41(4,suppl):759.

Mah FS, **Dhaliwal DK**, Romanowski EG, Yates KA, Gordon YJ: Diffuse Lamellar Keratitis: Can Fluoroquinolones be a Cause? Presented at the OMIG 2002, the Thirty-sixth Annual Meeting Ocular Microbiology and Immunology Group, Orlando, FL, October 2002.

CD-ROM:

Dhaliwal DK. LASIK: Tricks and Pearls with Different Microkeratomes. "Intraoperative LASIK Complications: MORIA Automated M2 Microkeratome vs. Automated CB Microkeratome." Boston: Physician Education, Inc.; 2001. (CD-ROM)

Dhaliwal DK. An In Vitro Comparison of 2nd, 3rd, and 4th Generation Fluoroquinolones Against Bacterial Keratitis Highlights of the XX Congress of the ESCRS. Physician Education, Inc.; 2002. (CD-ROM)

PROFESSIONAL ACTIVITIES

Course Director:

Phototherapeutic Keratectomy Course --11/18/95, University of Pittsburgh, Pittsburgh, PA

Phacoemulsification Course and Wet Lab--7/12/97, University of Pittsburgh, Pittsburgh, PA

Phacoemulsification Course and Wet Lab--6/5/99, University of Pittsburgh, Pittsburgh, PA

GLORY Wet Lab II -- Astigmatic Keratotomy – October 22, 1999, 1999 Fall World Refractive Surgery Symposium, Orlando, Florida

Incisional Refractive Surgery Wet Lab – September 2000, European Society of Cataract and Refractive Surgery, Brussels, Belgium

GLORY Wet Lab – LASIK –October 20, 2000, World Refractive Surgery Symposium, Dallas, Texas

GLORY Wet Lab – LASIK –November 2001, World Refractive Surgery Symposium, New Orleans, Louisiana

Refractive Surgery Course and Wet Lab, University of Pittsburgh, Pittsburgh, PA, 1998-present (annual course)

Courses Organized:

Photorefractive Keratectomy Course --1/7/96, University of Pittsburgh, Pittsburgh, PA

Photorefractive Keratectomy Course – 9/97, University of Pittsburgh, Pittsburgh, PA
LASIK for the General Ophthalmologist, 3/12/99-3/14/99, University of Pittsburgh, Pittsburgh, PA

Course Faculty:

Phototherapeutic Keratectomy Course --11/18/95, University of Pittsburgh, Pittsburgh, PA

Photorefractive Keratectomy Course --1/7/96, University of Pittsburgh, Pittsburgh, PA

Phacoemulsification Course and Wet Lab --7/12/97, University of Pittsburgh, Pittsburgh, PA

Practical Ophthalmic Microbiology: Diagnosing Infectious Ocular Disease in Today's Laboratories--1997 American Academy of Ophthalmology meeting, San Francisco, CA.

Refractive Surgery Course and Wet Lab--5/98, University of Pittsburgh, Pittsburgh, PA

Practical Ophthalmic Microbiology: Diagnosing Infectious Ocular Disease in Today's Laboratories –1998 American Academy of Ophthalmology meeting, New Orleans, LA.

LASIK for the General Ophthalmologist, 3/12/99-3/14/99, University of Pittsburgh, Pittsburgh, PA

LASIK for the General Ophthalmologist, 5/1/99-5/2/99, Scottsdale, AZ

Phacoemulsification Course and Wet Lab – 6/5/99, University of Pittsburgh, Pittsburgh, PA

LASIK for the General Ophthalmologist, 6/19/99-6/20/99, Scottsdale, AZ

Advanced LASIK Course at the European Society of Cataract and Refractive Surgery meeting in Vienna, Austria, September, 1999. Topic: Sands of the Sahara Syndrome.

GLORY Didactic Course I - Basic at the International Society of Refractive Surgery (ISRS) Meeting in Orlando, Florida, October 21, 1999. Topic: Astigmatic Keratotomy (AK) – Technique & Results.

Advanced LASIK Course at the European Society of Cataract and Refractive Surgery meeting in Brussels, Belgium, September, 2000. Topic: Pediatric LASIK.

LASIK Wet Lab at the American Academy of Ophthalmology, November 2001, New Orleans, Louisiana.

Refractive Subspecialty Day, American Academy of Ophthalmology, November 2001, New Orleans, Louisiana. Topic: Pediatric PRK & LASIK

Phacoemulsification Course and Wet Lab – 6/21/02, University of Pittsburgh, Pittsburgh, PA

American Society of Cataract and Refractive Surgery, Philadelphia, PA, May 2002. Course: Comprehensive Refractive Surgeon

Comprehensive Refractive Surgery Course at the European Society of Cataract and Refractive Surgery, Nice, France, September 2002. Topic: Infectious Keratitis post-LASIK |

Faculty for Advanced Surgical Skills Course, Austria, March 2003. Topic: "Management of Posterior Capsular Rupture"

American Academy of Ophthalmology, October 2003, Topic: Ophthalmic Antibiotics

Faculty, Education Program for Ophthalmic Technicians, September 29, 2007, Topic: Alternative Treatments and Therapies for Dry Eyes

Visiting Professor:

University of Florida, Gainesville, FL 1/22/99

Co-Authored Papers Presented By Colleagues:

Retina Society. Chicago, IL September 2003.

"Late Propionibacterium Acnes Infection Sequestered within the Capsular Bag"

University Committees:

2003 to present	Executive Committee, UPMC Eye Center
2003 to present	Residency Committee, UPMC Eye Center
2001 to 2003	Ophthalmology Chairman Search Committee, University of Pittsburgh Physicians
1998 to 2003	Operations Committee, Department of Ophthalmology, University of Pittsburgh Physicians
1997 to Present	Credentialing Committee, University Physician Practice Associates
1996 to 2003	Faculty Advisory Committee for Continuing Medical Education
1995 to present	Resident Selection Committee, Department of Ophthalmology
2007 to present	Standing Committee for Non-Tenured Faculty Promotions and Appointments (NTFPA)

SERVICE-RELATED ACTIVITIES

2001 to Present	Member, EyeCare America SM National Eye Care Project® (NECP)
January 2002	Cataract Mission, Montserrat, West Indies
	ZAP! Surgery Exhibit, Carnegie Science Center
	Refractive Surgery, Monroeville Rotary Club
2003 to Present	Member, Minute Men of the Medical School, University of Pittsburgh
	Adventures in 3D, Carnegie Science Center