

CURRICULUM VITAE

Bruce Harvey Koffler, M.D.

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Lexington, Kentucky 40509

EDUCATION

1966-1970 Brooklyn College, Brooklyn, New York. B.A.
Cum Laude, 1970. Major – Chemistry

1970-1974 Georgetown, University Medical School
Washington, D.C., M.D., 1974

1974-1975 Internship – Straight Medical
Georgetown University Hospital, Washington, D.C.

1975-1978 Ophthalmology Residency
Georgetown University Hospital
Department Chairman – Peter Y. Evans, M.D.

1978-1979 Fellowship – Cornea and External Disease
Center for Sight, Georgetown University Hospital
Director Cornea Service – Michael A. Lemp, M.D.

1979-1983 Assistant Professor
Director, Cornea and External Disease Service
Department of Ophthalmology
University of Kentucky

1984-Present Medical Director
Kentucky Lions Eye Bank – University of Kentucky

1987-1995 Associate Medical Director
Kentucky Lions Eye Bank – University of Kentucky

1983-Present Private Practice Ophthalmology – Subspecialty
Cornea & External Disease

1984-Present Associate Clinical Professor of Ophthalmology
Department of Ophthalmology, University of
Kentucky Medical Center

BOARD CERTIFICATION

- 1975 National Board of Medical Examiners
- 1979 American Board of Ophthalmology
- 1979 American Academy of Ophthalmology – Fellow

PUBLISHED PAPERS PEER REVIEW JOURNALS

- 1976 Koffler, B.H., Lemp, M.A., The effect of antihistamine (Chlorpheniramine Maleate) on tear production in humans. *Annals of Ophthal.* Vol. 12(2), p. 217, 1980.
- 1980 Goldberg, M.H., Koffler, B.H., Lemp, M.A., Rao, N.A.: The Effects of Topically Applied Glycerine on the Human Corneal Endothelium. *Cornea*, Vol.1: 39-44, 1982.
- 1987 Yassa, H.H., Fine, B.S., Font, R.L., Koffler, B.H., Corneal Immunoglobulin Deposition in the Posterior Stroma: A Case Report Including Immunohistochemical and Ultrastructural Observations. *Archives of Ophthalmology*, Vol. 105:99-103, Jan 1987.
- 1988 Steinemann, T.L., Koffler, B.H., Jennings, C.D., Corneal Allograft Rejection Following Immunization, *Am. Journal of Ophthal*, 106:575-578, November, 1988.
- 1989 Koffler, M. Fedman-Koffler, F., Koffler, B. “Is Tannin really Bactericidal?” *Lancet*. 1989 Aug 26; 2(8661):503.
- 1992 Topical ofloxacin compared with gentamicin in the treatment of external ocular infection. *British Journal of Ophthalmology*, Vol. 76, No. 12, Pages 714-718, Dec., 1992.
- 1993 Ciprofloxacin Ophthalmic Ointment in the Treatment of Bacterial Keratitis. *Archives of Ophth.* Sept., 1993, Vol. III.
- 1994 Koffler, B.H., Clements, L.D., Litteral, G.L., and Smith, V.E., “A New Contact Lens Design for Post-keratoplasty Patients.” *CLAO Journal*, 20:3:170 July 1994.
- 1996 Koffler, B.H., Smith, V.M. “Corneal Topograph, Arcuate Keratotomy and Compression Sutures for Astigmatism after

- Penetrating Keratoplasty.” *J. Refract Surg.* 1996 Feb; 12(2):S306-9.
- 1998 Koffler, B.H., Smith, V.M. “Will Tomorrow’s Lens Material Allow Longer Wear?” *Contactologia*, Vol. 20 (85-90).
- 1999 Koffler, B.H., Smith, V.M., Clements, L.D. “Achieving Additional Myopic Correction in Undercorrected Radial Keratotomy Eyes Using the Lexington RK Splint Design.” *CLAO*, January 1999, Vol. 25, No.1 (21-27).
- 2000 Koffler, B.H. and Smith, V.M. “Long-Term Followup on Patients Fit in the Lexington RK splint Design for Post Refractive Surgery.” *Contactologia* 22: 89-91.
- 2000 Smith, V.M., Koffler, B.H., Litteral, G. “Evaluation of the Zebra 2000 (Z-10) Breger Vision Bifocal Contact Lens.” *CLAO Journal*, 26:4: 214-220. October 2000.
- 2000 Koffler, B.H. and Smith, V.M. “Rigid Gas Permeable Lenses in the 21st Century.” *Contactologia* 22:30-32.
- 2002 Reddy, S.V., Koffler, B.H. “Relationship of Contact Lenses, Pregnancy and Herpes simplex Virus.” *CLAO J.* Vol. 28 #2 pg 405-406, 2002.
- 2002 Koffler, B.H. “Management of Presbyopia with Soft Contact Lenses.” *Ophthalmologica*. 2002; 216 Suppl 1:34-51; Discussion 56-57.
- 2004 Koffler, B.H., Smith, V.M. “Myopia reduction Using Corneal Refractive Therapy Contact Lenses.” *CLAO Journal*, Vol. 30 #4 Pg. 223-226, 2004.
- 2005 Wallin, J.J., Holden, G.A., Bullimore, M.A., Rah, M.J., Asbell, P.A., Barr, J.T., Caroline, P.J., Cavanagh, H.D., Despotidis, N., Desmond, F., Koffler, B.H., Reeder, K., Swarbrick, H.A., Wohl, L.G. “The Current State of Corneal Reshaping.” *Eye Contact Lens*, 2005 Sep; 31(5):209-14.
- 2006 Koffler, B.H. “Autologous Serum Therapy of the Ocular Surface with Novel Delivery by Platelet Concentrate Gel.” *The Ocular Surface*, Vol. 4, #1, pg. 188.

CONSULTING WRITER

2006 McMahon, T.T., Quinn, T.G. "Pearls for Fitting Contact Lenses." Focal Points, June 2006, Vol. 24, No. 4.

NONPEER REVIEW

1997 Smith, V.M. and Koffler, M.G. "Contact Lens Fitting After Refractive Eye Surgery." Review of Ophthalmology, August 1997.

1999 Koffler, B.H. "Setting Yourself Apart." Ophthalmology Management, September 1999 (5S-6S).

2000 Koffler, B.H. "8 Reasons to Add Contact Lenses to Your Practice." Supplement to Review of Ophthalmology, January 2000.

2001 CLAO Meeting – Macro Lens a New Corneal Scleral Contact Lens for Post Corneal Transplant Fitting.

February 28, 2004 KATPO Lecture. "New Dry Eye Option".

June 2006 Koffler, B.H., Driebe, W.T. "Pearls for Fitting Contact Lenses." Focal Points, June 2006, Vol. 24, No. 4.

June 2008 Refractive Eyecare- " A New Look at Lacrisert Inserts for Dry Eye

LECTURSHIPS

1998 Koffler, B.H., Smith, V.M. "Will Tomorrow's Lens Material Allow Longer Wear?" Contactologia 20 (1998) 85-90. (Presented in part at the 27th ECLSO Congress, Tampere 1997.)

September 2003 12 month result 30-day continuous European ECLSO wear.

July 2004 Japan – CRT A new form of orthokeratology.

September 2004 Indianapolis Society Meeting. Corneal reshaping. My Personal experience over 15 years.

October 2004 European Contact Lens. 2 year results of 30 day wear with silicone hydrogel lens.

May 2008 Naples, Italy. Italian Ophthalmological Society, on Preparing the Ocular Surface for Contact Lens wear.

BOOK CHAPTERS

- 1979 A Practical Approach to the Diagnosis and Treatment of Bacterial Corneal Ulcers. *Perspectives in Ophthalmology*, Vol. 4 (1), March, 1980.
- 1980 Lemp, M.A., Blackman, H.J., Koffler, B.H., Therapy of bacterial and fungal infections. *International Ophthalmology Clinics*, Little, Brown & Co., Boston, Vol. 20 (3), p. 135, 1980.
- 1984 Lacrimal Hypersecretion. *Advances of Ophthalmic Plastic and Reconstructive Surgery*, Vol. III, 1984.
- 1995 Koffler, B.H., Smith, V.M., and Rhodes, L. "Corneal Topography," *Contact Lenses. The CLAO Guide to Basic Science and Clinical Practice*. Volume 1, February 1995.

PAPER PRESENTATIONS

- 1979 Koffler, B.H., Elgin, S.S. Sequential Endothelial Cell Loss in Tennant Intraocular Lens Implantation. Presented at Association for Vision & Research in Ophthalmology Meeting. May 1979.
- 1981 Contact Lens Society of America – Guest Speaker, Summer Study Group, Chicago, Ill. Topics – Keratoconus, Refractive Eye Surgery.
- 1982 Contact Lens Society of America – Guest Speaker, Winter Study Group, Boston, Mass. Topics – Relationship of dry eye problems to contact lens wear.
- 1982 Massachusetts Eye & Ear Infirmary, Boston, Mass. Guest Lecturer, Topics – A new ocular drug delivery system utilizing micro-spheres.
- 1983 Combined Meeting of Anterior Segment Societies, Las Vegas, Nevada. The Effect of Electromagnetic Induced Currents on the Healing of Bovine Corneal Endothelium.

- 1984 Eyebank Association of America, Twenty-Second Annual Meeting, Chicago, Ill. The Effect of Pulsed Magnetic Fields in Stimulating Canine & Bovine Corneal Endothelial Cell Mitosis.
- 1984 Townes Meeting, University of Louisville. Non-infectious Corneal Ulcers.
- 1984 Ocular Microbiology & Immunology Group - Nineteenth Annual Meeting in conjunction with American Academy of Ophthalmology. Eikenella Corrodens – a new corneal pathogen.
- 1986 A personal analysis of Epikeratophakia: In conjunction with Townes Meeting, Louisville, KY.
- 1986 American Society of Ophthalmic Registered Nurses Annual Meeting. Medical Perspectives of Care for Patients with Infectious Diseases of the Eye.
- 1987 Kentucky Academy of Eye Physicians and Surgeons, Spring Meeting. Practical Situations of the use of the Saturn Contact lens.
- 1987 Massachusetts Eye & Ear Infirmary Corneal Conference. Abstract: Corneal Allograft Rejection Following Vaccination.
- 1988 Kentucky Academy of Eye Physicians and Surgeons, Spring Meeting. The management of Giant Papillary Conjunctivitis.
- 1988 Center for Advanced Eye Surgery Meeting. Guest Speaker. Retinal Function Evaluation Prior to Cataract Surgery.
- 1989 What to Expect with Epikeratophakia. In conjunction with Dwight Townes Memorial Seminar, Louisville, KY.
- 1995 The Association of Technical personnel in Ophthalmology. A Primer of Corneal Topography.
- January 2003 “The Utilization of the Macrolens, a Corneal-Scleral Gas Permeable Contact Lens, for Post Penetrating keratoplasty Patients.” Presented at CLES, January 2003.
- January 2003 “Corneal Refractive Therapy, CRT Lenses.” Presented at CLES, January 2003.
- October 2004 CLAO Research Conference. Pros and cons of orthokeratology.

POSTER EXHIBITS

- 1979 The Effect of Systematic Phenothiazines on Human Tear Production. Presented at the Association for Research in Vision and Ophthalmology: Sarasota, Florida.
- 1979 Clinical – specular microscopic correlations in corneal disease. American Academy of Ophthalmology Meeting – San Francisco, November, 1979.
- 1982 Ruiz de Villa, A., Koffler, B.H., Bailey, K.E., Smith, S.D. The effects of Electromagnetic Induced Currents on the Healing of Bovine Corneal Endothelium. *Inv. Ophthal. And Visual Science*, Vol. 22(3), p.21, March 1982.
- 1983 Koffler, B.H., Bailey, K.E., Smith, S.D. The Effect of Pulsed Magnetic Fields on Human Corneal Endothelium. *Inv. Ophthal. And Visual Science*, Vol. 24, No. 3, p. 124, March 1983.
- January 2000 “Clinical Evaluation of the Purevision Extended Wear Contact Lens.” Presented at CLAO, January 25-26, 2000.

NATIONAL COURSES GIVEN

- 1980 Cornea and External Disease Course – Held at Hyatt Regency Hotel, Lexington, KY through University of KY Continuing Education Department.
- 1982-1986 Joint Commission on Allied health Personnel in Ophthalmology “Management of Aphakia” course given each Fall in conjunction with the American Academy of Ophthalmology.
- 1982-1988 Updating Your Contact Lens Knowledge course. 10 hour credit course and workshop given each spring in conjunction with University of Kentucky. Office of Continuing Education.
- 1983-1985 Lexington Community College nursing students. Presented lecture each semester in conjunction with Visual Sciences program.

- 1986-2004 Pearls and Gems of Hard and Soft contact Lens Fitting – Workshop in conjunction with Contact Lens Association of Ophthalmologists, Inc. Annual Meeting.
- 1987-Present Joint Commission on Allied health Personnel in Ophthalmology “Difficult Contact Lens Cases.” 2 hour credit Course given each fall in association with American Academy of Ophthalmology meeting.
- 1988 Society of Dispensing Opticians of Kentucky, Seminar held at the Holiday Inn Rivermont, Louisville, KY. Topics: Specialty Contact Lenses, Keratoconus, Managing the GPC Patient, Managing Everyday Contact Lens Problems.
- 1988 Annual Convention of the Opticians Assoc. of Ohio, held in Columbus, Ohio. Topics: Overview of Keratoconus including a new soft lens design; The treatment of GPC with CSI lenses; Problem Solving cases, Superior Limbic Keratitis, what kind of problem is it.
- 1989 The Ross Laboratories Ohio State Contact Lens Meeting, Columbus, Ohio – Guest Speaker. Topics: Specialty Contact Lenses; Managing the GPC Patient.
- 1989 The Center for Advanced Eye Surgery. 1989 Fall Conference, Lexington, Kentucky.
- 1995 International Society of Refractive Surgery, RK Skills in Acquisition Course – Instructor. American Academy of Ophthalmology, June 1995.
- 1995-Present Contact Lens Association of Ophthalmology, Skills Acquisition Course – Clinical Instructor. American Academy of Ophthalmology, October 1995.
- 1998 Contact Lens Management versus Mismanagement. Connecticut Society of Eye physicians, 1998.
- 2003 CLAO. Recognition of Unusual Contact Lens Problems.
- 2003 East/West Eye Conference, Cleveland, Ohio, Keratoconus.
- 2004-2005 CRT. Presented at Contact Lens Educational Symposium. (CLES).
- 2008 Joint Comm. Of Allied Health Personnel in Ophthalmology.

lectured on Contact Lens Solutions ,grand rounds cases and
Corneal reshaping therapy.

EDITORSHIPS

1985 –present	CLAO Journal, now called Eye and CL, reviewer
2000	Review of Ophthalmology Contact Lens Section.
2000	Business section, Ophthalmology Management, Contact Lens.
2002	The CLAO Quick Reference on Refractive Science Terminology: Contact Lenses; Optical Dispensing; Refractive Surgery.
2002-2003	Contact Lens Section. Ophthalmology Management.
2004	Review of Contact Lenses, Ocular Surface Section.
2007	Editor of Contact Point Publication of the CL Society .

COMMUNITY INVOLVEMENT

1980-1981	Developed and started University of Kentucky Lions Eye Bank.
1984-1989	Chairman of Eyebank Committee – Kentucky Lions Eye Foundation, Louisville, Kentucky.
1984-1987	Lexington Lions Club Board of Directors.
1985-1987	Child Development Center Board of Directors.
1985-1988	Humana Hospital Lexington Board of Directors.
1987-1997	Lexington Lions club Chairman of Endowment Committee.
1988-1998	Corneal & External Disease Service Center for Advanced Eye Surgery, Lexington, Kentucky.
1990	Humana Hospital Lexington – President of Medical Staff.
2001-2006	Saint Joseph Hospital Endowment Board – Board member.

PROFESSIONAL ORGANIZATIONS

- 1979 Fellow – American Academy of Ophthalmology.
- 1979 Kentucky Academy Eye Physicians & Surgeons
Chairman.
- 1983 Microbiology Society.
- 1986-1988 Lexington Academy of Eye Physicians & Surgeons
President.
- 1987 Director, Cornea & External Disease Services, Humana
Hospital’s Center for Advanced Eye Surgery.
- 1990 President – Kentucky Academy of Eye Physicians
and Surgeons.
- 1995-2004 Contact Lens Association of Ophthalmologists, Board of
Directors.
- 1995 Castroviejo Society – Regular Member
- Paper Presentation:
Bruce Koffler, M.D., Robert Lawner, FCLSA, Vivien
Smith, O.D. and Gregory F. Keep, M.A.S. “Contrast
Sensitivity in Spectacles and Contact Lenses in Post-Operative
Penetrating Keratoplasty (PKP). Abstract Feb. 3, 1994.
- June 1996-2000 Editor of **Contact Point**, monthly CLAO publications.
- 1999-2005 Saint Joseph HealthCare, The Saint Joseph Hospital
Foundation, Inc. Board Member.
- 2002 CLAO President elect.
- 2003 CLAO President
- 2003-2007 Refractive Management/Intervention Knowledge Base Panel –
AAO. Developed criteria and questions for recertification
examination.

HONORS AND AWARDS

- 2005 Achievement Award – American Academy of Ophthalmology
- 2008 Qualified and listed at [Trusted LASIK Surgeons](#), a LASIK Surgeons directory service that screens refractive surgeons based On experience, professional achievements, and premier patient care.
- 2008 Honored by his peers as one of the Best Doctors in America
- 2008 Faculty Award – Recognition of 20 years outstanding volunteer participation in JCAHPO’s Annual Continuing Education Program for ophthalmic medical personnel.

REFERENCES

John Collins, M.D.
Lexington Clinic East
100 North Eagle Creek Drive
Lexington, Kentucky 40509

John Saunders, M.D.
1517 Nicholasville Road
Lexington, Kentucky 40503

Michael A. Lemp, M.D., F.A.C.S.
Professor & Chairman
Department of Ophthalmology
Director Cornea Service
Georgetown University Medical Center
Washington, D.C. 20007

William J. Wood, M.D.
120 North Eagle Creek Drive, Suite 500
Eagle Creek Medical Plaza
Lexington, Kentucky 50409

John Massare, Ph.D.
Executive Director of CLAO

Bruce H. Koffler, M.D.

Dr. Koffler received his Medical degree and completed his Internship in Internal Medicine and a three-year Residency in Ophthalmology at Georgetown University. In 1979, Dr. Koffler concluded a one-year postdoctoral Fellowship in Cornea and Infectious Diseases of the Eye at the Center for Sight, Georgetown University School of Medicine.

Dr. Koffler served as an Assistant Professor and the Director of Cornea and External Disease services in the Department of Ophthalmology at the University of Kentucky College of Medicine from 1979 to 1983. He developed the University of Kentucky Lions Eye Bank in 1980 and was its Medical Director from 1981 to 1987. Currently, Dr. Koffler is an Associate Clinical Professor and maintains a private practice at the Kentucky Center for Vision. His scientific papers have been published in various journals, including *Cornea*, *American Journal of Ophthalmology*, *Archives of Ophthalmology*, *Perspectives in Ophthalmology*, *International Ophthalmology Clinics*, and *the Journal of the Contact Lens Association of Ophthalmologists*. He has presented numerous scientific papers at international, national, state and local professional meetings, including the American Academy of Ophthalmology Annual Meeting, the Annual Meeting of the Association of Research and Vision in Ophthalmology, the Contact Lens Association of Ophthalmologists Annual Meeting, the European Contact Lens Society Meeting, the Brazilian Ophthalmology Society Meeting (SOBLEC), the Japanese Contact Lens Society, and the International Congress of Ophthalmology.

Dr. Koffler has held leadership positions in various professional organizations. He served as President of the Kentucky Academy of Eye Physicians and Surgeons, as President of the Lexington Academy of Eye Physicians and Surgeons, and has previously served as Chief of Staff of Humana Hospital – Lexington. Dr. Koffler has served two consecutive terms of office on the Board of Directors of the Contact Lens Association of Ophthalmologists. In 1999, Dr. Koffler was elected to the Executive Committee of CLAO as Chairman of Finance and Audit. He became the President of CLAO in 2002.

Dr. Koffler has been a long time community activist serving on the Lexington Child Development Center Board of Directors, creating their ophthalmic consultation program. He has been a member of the Lexington Lions Club since 1981 after creating the University of Kentucky Lexington Lions club. He was a founder of the Lexington Lions Endowment Fund, serving as Chairman from 1985 to 1998. In 1999, he was appointed to the Board of Directors of the Saint Joseph Hospital Foundation, serving until 2006.