

CURRICULUM VITAE

COLMAN R. KRAFF, M.D.

Clinical Research:

Principal Investigator **Visx Star S4 VSS Wavefront Guided Treatment of Presbyopia**, Single US site FDA Clinical Trial, Fall 2004-Present.

Principal Investigator **Visx Star S4 VSS Wavefront Guided treatment for Monovision/Myopia** FDA clinical trial, summer 2004-present.

Principal Investigator **Visx Star S4 VSS Wavefront Guided treatment of Hyperopia and Mixed Astigmatism** FDA Clinical Trial, Fall 2003 – Present.

Principal Investigator **Visx Star S3 / S4 Wavefront Guided Treatments for Myopic Astigmatism** FDA Clinical Trial, April 2001-Present

Principal Investigator **Visx Star S2 LASIK Mixed Astigmatism** FDA Clinical Trial, June 2000- Present

Principal Investigator **Visx Star S2 LASIK Hyperopic Astigmatism** FDA Clinical Trial, July 1999- Present

Principal Investigator **Visx Star PRK Hyperopic Astigmatism** FDA Clinical Trial, June 1998- Present

Principal Investigator **Visx Star PRK Hyperopia** Trial
February 1997- Present

Co-Investigator **Visx 20/20 Excimer Laser**
Phototherapeutic Keratectomy FDA Phase III Trial
Photorefractive Keratectomy FDA Phase III Trial
February 1991- Present

Co-Investigator **Novatec Light Blade**
Photorefractive Refractive Keratectomy
Correction of Myopia Phase IIA
June 1995

Co-Investigator **Sunrise Technology**
Thermal Keratoplasty for Refractive Procedures

Correction of Hyperopia Phase II-b Study
December 1996

Co-Investigator **Autonomous Technology**
Correction of Myopia, Astigmatism, and Hyperopia

July 1996

Board Certification: Diplomat American Board of Ophthalmology
Certified November 1990

Professional Organizations:

American Academy of Ophthalmology (Fellow)
American Society of Cataract and Refractive Surgery
International Society of Refractive Surgery
American Medical Association
Chicago Ophthalmologic Society
Chicago Medical Society

Editorial Boards: *Journal of Cataract and Refractive Surgery*
Reviewer for the Journal of Refractive Surgery

Consultant:

Intralase Corporation
2004-Present Medical Advisory Board

Rightfield Solutions, Inc.
2002-Present Medical Advisory Board

Chicago Bears Football Club
2000-Present Medical Staff: Team Ophthalmologist

Consultant: (cont.)

Summit Medical Systems, Inc.
(Minneapolis, MN.)
1994- 1998 Consulting Ophthalmologist for the development of medical
outcome databases in Cataract, Refractive and Retina Surgery.

Midwest Eye Management, Inc.
(Chicago, IL.)
1992- 2000 Medical Director for all Ophthalmologic Services. Responsible
for overseeing ophthalmologic referrals to over 40 ophthalmologists as
well as setting up protocols for ophthalmic patient care.

Academic and Hospital Affiliations:

1990 - Present Northwestern University Medical School
Clinical Instructor
Department of Ophthalmology

1991- Present	Northwestern Memorial Hospital 303 E. Superior St. Chicago, Illinois Attending Physician
1991- Present	Veterans Administration Hospital, Lake Side Chicago, Illinois Attending Physician
1990- Present	University of Illinois Eye and Ear Infirmary Lecturer
1989- Present	Our Lady of the Resurrection Hospital and Medical Center Associate Attending

Education and Training:

1989-1990	Fellowship in Cornea and External Disease University of Illinois Eye and Ear Infirmary Department of Ophthalmology Chicago, Illinois
1986-1989	Residency in Ophthalmology University of Illinois Eye and Ear Infirmary Department of Ophthalmology Chicago, Illinois

Education and Training: (cont.)

1985-1986	Internship (Internal Medicine) Northwestern University Medical Center Northwestern Memorial Hospital Chicago, Illinois
1981-1985	Rush Medical College Chicago, Illinois
1977-1981	Bachelor of Science, Biology, Summa Cum Laude Tulane University New Orleans, LA

Honors and Awards:

2000	Visx Stars Award
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1999	Visx Stars Award
1998	Visx Stars Award
1989	Outstanding Senior Resident Teaching Award
1981	Phi Beta Kappa
1981	Summa Cum Laude Biology

Publications:

McDonald, MB, et. al.: Photorefractive keratectomy for low-moderate myopia and astigmatism with a small beam, tracker directed excimer laser. *Ophthalmology*. 1999 Aug;106(8): 1481-8.

Kraff CR, McLeod S: Complications of Laser Refractive Surgery. In Krupin T, Kolker AE, and Rosenberg L, (eds.) *Complications in Ophthalmic Surgery*. Second edition. Mosby, St. Louis, Mo. 1999.

McLeod, S, Kraff CR: Phototherapeutic Keratectomy for Irregular Corneal Astigmatism. Poster Presentation at the Annual Meeting of the American Academy of Ophthalmology, San Francisco, CA, October 28, 1997.

Mockovak ME, Kraff CR, Ticho, B. "Excimer Laser Phototherapeutic Keratectomy in Pediatric Patients". Poster presented at the American Association for Pediatric Ophthalmology and Strabismus Meeting. Charleston, SC, March, 1997.

Kraff, C. : Keratorefractive Surgery with the Excimer Laser; Editorial. *J Cataract Refractive Surg*. 1994 Mar;20 Supple:205.

Publications:(cont)

Kraff CR, Spigelman AV, Johnson D and Kraff MC: Excimer Laser Photoastigmatic Keratectomy. In Sanders DA (eds.) *Surgical Correction of Astigmatism*. Slack, New York, N.Y.. April, 1994.

Kraff CR and Kraff MC: Surgical Complications of Cataract Surgery. In Krupin T and Kocker A, (eds.) *Complications of Ophthalmic Surgery*. Grower and Lippincot, New York, N.Y.. August 1993

Kraff CR and Robin JB: Normal Corneal Topography. In Schanzlin and Robin JB, (eds.). *Corneal Topography*. Springer-Verlag, New York, 1991

Kraff CR and Robin JB: Abnormal Corneal Topography. In Schanzlin D and Robin JB, (eds.) *Corneal Topography*. Springer-Verlag, New York, 1991.

Kurosowa A, Pollock SC, Collins MP, Kraff CR, Tso MOM: *Sporothrix schenckii* endophthalmitis in a patient with Human Immunodeficiency Virus. *Arch Ophth* 1988 106: 376-380

Sanders DR, Spigelman A, Kraff CR, Lagourous P, Golstick B, Peyman GA: Quantitative Assessment of the Postsurgical Breakdown of the Blood Aqueous Barrier. *Arch Ophth* 1983 101: 1762-70.

Kraff CR, et. al.: Topical indomethacin Inhibits Surgically Induced Breakdown of the Blood Aqueous Barrier. *Exerimentia Ophthalmology* 5:21-23, December, 1979.

Professional and Scientific Presentations

Preliminary Results of Wavefront guided Multifocal treatments of Presbyopia for low to moderate hyperopia with the Visx Star S4 VSS Excimer laser. Annual Meeting of the American Society of Cataract and Refractive Surgery. April 2005, Washington D.C.

Long Term Results of Wavefront Guided Treatments of High Myopia using the Visx Star S4 VSS Excimer laser. Annual Meeting of the American Society of Cataract and Refractive Surgery. April 2005, Washington, D.C.

Long Term Results of Wavefront Guided High Myopic Corrections using the Visx Star S4 VSS Excimer Laser system. EyeWorld Symposium at the Annual Meeting of the American Academy of Ophthalmology, Oct. 2004, New Orleans. LA.

Long Term Results of Wavefront Guided High Myopic Corrections using the Visx Star S4 VSS Excimer Laser system. Annual Meeting of the American Society of Cataract and Refractive Surgery. Spring 2004, San Diego, CA.

Long Term Results of Wavefront Guided Treatments of Hyperopia using the Visx Star S4 VSS Excimer Laser system. Annual Meeting of the American Society of Cataract and Refractive Surgery. Spring 2003, San Francisco, CA.

Long term results of Wavefront Guided Ablations for Myopia with the Visx Star3 Waveprint System. A Multicenter FDA clinical trial. International Society of Refractive Surgery, Orlando, FL, USA, 2002
Professional and Scientific Presentations: (cont.)

Long term results of Wavefront Guided Ablations with the Visx Star S3 Waveprint System. A multicenter FDA clinical trial. European Society of Cataract and Refractive Surgery. Nice, France, September 2002.

Long term results of Wavefront Guided Ablations with the Visx Star3 Waveprint System. A Multicenter FDA clinical trial. International Society of Refractive Surgery. American Society of Cataract and Refractive Surgery. May 2002, Philadelphia, Pa.

Early Results of Wavefront guided Ablations for Low myopia with the Visx Star S3 Waveprint System. American Society of Cataract and Refractive Surgery. Spring 2001.

Six month Clinical Results of Wavefront Guided Ablations with the Visx Waveprint system. An FDA multicenter Clinical Trial. Annual meeting of the Internal Society of Refractive Surgery. New Orleans, La., Fall 2001.

PRK: The Standard. American Academy of Ophthalmology Annual Meeting, San Fransico, CA, October 28, 1997.

Clinical Results: PRK for Hyperopia with the Visx Excimer Laser system. International Society of Refractive Surgery Meeting, San Francisco, CA, October, 24, 1997,

Update on Excimer Laser Refractive Surgery: Annual Meeting of the Ophthalmic Anesthesia Society, Chicago, Illinois, September, 1997.

Excimer Laser Update: Phase III FDA Clinical Results. Annual meeting of the Chicago Medical Society. January 20, 1996. Chicago, Illinois

Clinical Correlation of Refractive Change and Corneal Topographic Change after PRK. American Society of Cataract and Refractive Surgery Annual Meeting. San Diego, CA, April 1, 1995.

Excimer Laser Update: Complications, Practice Position and Future Direction in Excimer Laser Surgery. Alcon / Visx Global Users Meeting. March 5-6, 1995. Hong Kong.

Refractive Surgery Panel. Chicago Ophthalmologic Society Monthly Meeting. February 20, 1995.

Update on Excimer Laser Surgery: Symposium of Lasers for the Biolaser Institute of the Chicago Medical Society. Annual Meeting of the Chicago Medical Society. January 22, 1995.

Update on Corneal Central Islands: Presented at the American Society of Cataract and Refractive Surgery **Symposium on Refractive Surgery**. San Francisco CA, November 12, 1994.

Can Corneal Central Islands be Eliminated? Presentation of results of PRK using new software. American Society of Cataract and Refractive Surgery Annual meeting. Boston, MA. April 10, 1994.

Update on Complications of Photorefractive Keratectomy. American Society of Cataract and Refractive Surgery Annual meeting. Boston, MA, April 10, 1994.

Professional and Scientific Presentations (cont.)

A comparison of Radial Keratotomy and Photorefractive Keratectomy. Visiting Professor, Indianapolis Ophthalmologic Society. January 14, 1994.

Complications of Excimer Laser Surgery. University of Indiana Department of Ophthalmology. January 15, 1994.

Excimer Laser Update: Pre-American Academy of Ophthalmology Annual Meeting. Kraff Eye Institute/ Alcon Surgical. Chicago, Ill. November 10, 1993

Excimer Laser Update: Keynote Address; PRK from past to present. London Place Eye Centre, New Westminster, B.C. October 22, 1993.

Ohio Eye, Ear, Nose, and Throat Society Annual Meeting: "Excimer Laser Complications and Management". "Radial Keratotomy vs. Photorefractive Keratectomy". Columbus, Ohio, September 11, 1993.

Great Ophthalmic Forum: Excimer Laser Update. San Francisco, California, July 30, 1993.

Advanced Phacoemulsification: Wound Construction and Complications. June 25-26, 1993.
Philadelphia, Pennsylvania

Excimer Laser The Cutting Edge: State University of New York. June 19, 1993. Syracuse, N.Y.

PRK: Complications and Management. American Society of Cataract and Refractive Surgery Annual Meeting. Seattle, WA. May 8-13, 1993.

Excimer Laser Corneal Topography. American Society of Cataract and Refractive Surgery Annual Meeting. Seattle, WA. May 8-23, 1993.

Great Ophthalmic Forum: Update on the Excimer Laser. March 5, 1993. Orlando, FL.

Residents Course on Phacoemulsification: Alcon Surgical, Chicago, Illinois, December 12, 1992.

Update on Excimer Laser: Alcon Surgical, September 27, 1992, Fort Worth, Texas.

Complications of Radial Keratotomy: A New Surgeons Perspective. American Society of Cataract and Refractive Surgery First Annual Summer Symposium. August, 1992, Chicago, Illinois.

Future Trends in Phacoemulsification and Update on Excimer Laser Photorefractive Keratectomy. Alcon Surgical Course, St. Louis, Mo.

Excimer Laser Symposium: Manhattan Eye, Ear, and Throat Hospital. Lectures Given on results and techniques of Photorefractive and Phototherapeutic Keratectomy. New York, N.Y., Feb. 1, 1992.

Professional and Scientific Presentations (cont.)

Residents Phacoemulsification Course: Alcon Surgical, Chicago, Illinois, December, 1991.

American College of Surgeons Annual Clinical Conference, October 23, 1991: "Keratorefractive Procedures of the Cornea."

Cataract Surgery: Techniques and Complications. Clinical Curriculum in Ophthalmology November 16, 1991.

Hydrosonics for the Phaco Surgeon October, 1991. Alcon Research Center, Irvine, CA. "Current Techniques of Hydrosonics".

UIC Eye Center Eye Trauma Symposium, July 1991. "Recent Trends in Cataract and IOL Surgery."

UIC Eye Center Eye Trauma Symposium, July 1991. Update on the VISX 20/20 Excimer Laser.

Current Advances in Phacoemulsification. Methodist Hospital Medical Center, Indianapolis In. June, 1991. The Anterior Capsulotomy and Hydrodissection of the Nucleus.

University of Illinois Eye and Ear Infirmary Phacoemulsification Course. December 9, 1989.

University of Illinois Eye and Ear Infirmery Eye Trauma Symposium, July 22, 1989. "Recreational and Occupational Ocular Trauma".

University of Illinois Eye and Ear Infirmery Alumni Day, May 1998: "Musical Instrument Induced Rise in Intraocular Pressure."

University of Illinois Eye and Ear Infirmery Clinical Challenges Day, April 1989: "Conjunctival Lymphomas: Diagnosis and Management".

University of Illinois Eye and Ear Infirmery Clinical Challenges Day, April 1988: "Recurrent Granular Corneal Dystrophy".