

February 2019

## **CURRICULUM VITAE**

### **Neal A. Sher, MD, FACS**

#### **CONTACT INFORMATION**

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www.medicolegal-ophthalmology.com

#### **PERSONAL INFORMATION**

Year of Birth: 1949    Citizenship: USA

#### **BOARD AND SPECIALTY CERTIFICATION**

National Board of Medical Examiners, 1972  
American Board of Ophthalmology, 1980

#### **EDUCATION**

Undergraduate: Boston University, BA – 1967  
College of Liberal Arts (cum laude)  
1965-1971

MD, 1971 (cum laude)  
Boston University School of Medicine  
1967-1971

#### **PROFESSIONAL TRAINING**

Internship: Pediatrics  
University of Minnesota Hospitals  
Minneapolis, MN  
1971-1972

Residency: Ophthalmology  
University of Minnesota Hospitals  
Minneapolis, MN  
July 1975 - December 1978

Fellowship: Cornea, External Disease, Uveitis, Moorfields Eye Hospital  
University of London, London, United Kingdom  
January 1979 - June 1979

## **MEDICAL LICENSURE**

Minnesota  
Wisconsin

## **MILITARY SERVICE**

Commissioned Officer U.S. Public Health Service (1972-1975), Surgeon (Lt. Cdr.) Honorable Discharge

Staff Associate, National Institutes of Health, Bethesda, MD, Research in Immunology and Tumor Immunology  
1972-1975

Staff Associate to Food and Drug Administration 1972-1975 (at NIH campus)

## **ACADEMIC APPOINTMENTS**

Adjunct Clinical Professor of Ophthalmology (1999 to present)  
University of Minnesota Medical School  
Minneapolis, Minnesota

Clinical Associate Professor of Ophthalmology (1988 to 1999)  
University of Minnesota Medical School  
Minneapolis, Minnesota

Clinical Assistant Professor of Ophthalmology (1979-1988)  
University of Minnesota Medical School  
Minneapolis, Minnesota

## **HOSPITAL APPOINTMENTS**

Phillips Eye Institute  
Abbott-Northwestern Hospital

## **PRACTICE**

Eye Care Associates, PA.  
1979 to present, Minneapolis, MN  
President, Eye Care Associates, 2000 – 2005, Partner, Vice President 2005 to Present

## **MEDICOLEGAL EXPERIENCE AND INTERESTS**

Expert witness in complex litigation including medical malpractice, personal injury, workers compensation, intellectual property and product liability cases for pharmaceutical and device manufacturers  
Expert in disability and impairment ratings relating to the visual system.

## **CONSULTANT (MEDICOLEGAL) PAST AND PRESENT)**

Numerous law firms, US and international  
Minnesota Supreme Court (Bar applicant visual issues)  
US Department of Justice (Medicare fraud issues)  
Insurance companies including malpractice insurers  
Trial experience in state and federal court, Federal Trade Commission, International Trade Commission, United Kingdom courts, Canadian Courts

**SELECTED ACADEMIC HONORS AND OTHER AWARDS**

Graduated cum laude, Boston University College of Liberal Arts, 1971  
 Graduated cum laude, Boston University School of Medicine, 1971  
 Alumni Scholarship Award - Boston University School of Medicine, 1969  
 Alpha Omega Alpha (Medical School Honor Society), 1970  
 Begg Society (Medical School Honor Society), 1970  
 Minnesota Medical Foundation, stipend for support of research, 1976  
 ARVO Travel Fellowship, 1976  
 Fight for Sight Travel Award, 1978  
 Troutman Award, International Society for Refractive Surgery (ISRS) 1994, awarded by committee for the best published paper worldwide on the subject of refractive surgery in the year 1993-1994  
<https://www.healio.com/ophthalmology/journals/jrs/1995-1-11-1/%7B967c35ed-1171-48a1-8e15-247d65b2d1cc%7D/sher-receives-third-troutman-award>  
 Elected to Board of Directors, International Society for Refractive Surgery 1996-1999  
 Achievement Award, American Academy of Ophthalmology, 1999  
 Member, Preferred Practice Pattern Committee for Refractive Error and Refractive Surgery, American Academy of Ophthalmology, 2000-2004  
 Medallion of Excellence, awarded by General David Petraeus, Commander, US Cent Com, for contribution of laser vision correction without charge to US troops being deployed to Iraq and Afghanistan, April 2008.  
 Community Caregivers 2010, presented to six physicians yearly in State of Minnesota for community service by Minnesota Physician Magazine Vol XXII, No. 12, March 2010  
 Executive Proclamation, State of South Dakota, Governor M. Michael Rounds,  
*Dr. Neal A Sher Day*, May 8, 2010 to honor contributions to South Dakota Army National Guard  
<https://sdsos.gov/general-information/executive-actions/gubernatorial-proclamations/search/Document.aspx?CabId=523E2A2A&DocGuid=20170713-2004-3803-9858-fdd57611a6b9>  
 Award from Minnesota National Guard (Red Bull and other units) for contribution of laser vision correction surgery to troops, May 14, 2011, Camp Ripley, MN  
 American Academy of Ophthalmology, Life Fellow, 2017

**PROFESSIONAL SOCIETIES AND OTHER PROFESSIONAL ACTIVITIES (Past and Present)**

American Association for Cancer Research\*  
 Association for Research in Vision and Ophthalmology\*  
 Minnesota Academy of Ophthalmology\*  
 Minneapolis Academy of Medicine, Vice President, 1980; President, 1991\*  
 Fellow, American Academy of Ophthalmology, 1983 to present  
 Minneapolis Ophthalmological Society, Secretary-Treasurer, 1982; President, 1983\*  
 Fellow, American College of Surgeons, 1987 to present  
 American Society for Cataract and Refractive Surgery, 1990 to present  
 International Society for Refractive Society (ISRS), 1992, Elected to Board of Directors in 1996 (currently part of American Academy of Ophthalmology, refractive surgery interest section).  
 Hennepin County Medical Reserve Corp, Volunteer Physician  
 Minnesota Academy of Medicine, 2013 to present  
 (\*No longer active member or organization inactive)

**SCIENTIFIC REVIEWER and EDITORIAL BOARDS (Past and Present)**

American Journal of Ophthalmology  
 Archives of Ophthalmology  
 Journal of Cataract and Refractive Surgery  
 Journal of Refractive and Corneal Surgery  
 Ophthalmology  
 Ophthalmic Surgery and Lasers  
 Review of Ophthalmology

**SCIENTIFIC REVIEWER and EDITORIAL BOARDS (Past and Present; continued)**

Clinical Signs In Ophthalmology, Editorial Board, 1997  
Eye World, Editorial Board, 1998-2004  
Eye and Contact Lens  
Survey of Ophthalmology

**PATENTS**

U.S. Patent 5,171,254 and various international patents Eye Fixation Device.  
U.S. Patent 5,556,417 Luminescence and Localization of the Eye  
U.S. Patent 6,117,907 Topical Treatment of Ocular Pain after Corneal Surgery (licensed to Novartis/Cibavision)  
U.S. Patent 6,436,113 Eye Positioner, co-inventors, Thomas Burba, David Hardten MD

**BUSINESS**

President 1993-98, eyeFix, Inc. – Founded 1993 (licensed eye fixation ring to Intralase Inc)  
President, Medicolegal-Ophthalmology LLC, 2008  
President, Visual Disability Calculator LLC, 2012

**CONSULTANT (past and present)**

St. Paul Companies, St Paul, MN – Malpractice Related Issues  
Minnesota Mutual Insurance Exchange, Minneapolis, MN, Malpractice Related Issues  
Carlson Companies, Plymouth, MN – Employee Benefit Trust  
Allergan Pharmaceutical, Irvine, CA – Pharmaceutical Research  
Alcon Laboratories, Ft. Worth, TX – Pharmaceutical, Refractive Surgery  
Chiron Ophthalmic Co., Irvine, CA – Refractive Surgery  
VISX Company, Sunnyvale, CA – Excimer Lasers  
Ciba Vision Ophthalmic, Atlanta, GA – Refractive Surgery and Pharmaceutical Research  
eyeFix, Inc., Minneapolis, MN  
Aesculap/ Meditec, Heroldsberg, Germany – U.S. Medical Monitor for Excimer Laser Studies  
Harpel Advisors, New York, NY (Private Equity Firm)  
Medical Evaluations Inc., Minneapolis, MN  
Allina Health Systems  
Fairview Southdale Hospital: Design, Excimer Laser Surgical Suite  
VISX Inc, Santa Clara, CA, patent related issues, Medical Advisory Board  
Minnesota Supreme Court, Board of Law Examiners, Visual Disability Issues  
Wisconsin Supreme Court, Board of Law Examiners, Visual Disability Issues  
Einstein Medical, San Diego, CA  
Piper Venture Capital, Minneapolis, MN and San Francisco, CA  
VISX Inc, Santa Clara CA, Medical Advisory Board  
Daiichi Pharmaceutical Company, Drug Trials  
Medtronic Inc, Minneapolis, MN (pacemakers and lasers)  
St Jude Medical Inc. (pacemakers and lasers)  
ISTA Pharmaceutical Co, Irvine, CA  
Various Law Firms (list available on request)  
US Department of Justice: Medicare Fraud Issues  
Avellino Laboratories, genetic testing for corneal dystrophy

## SELECTED RESEARCH

National Institute of Health, Bethesda, MD, 1972-75 Senior Staff Associate  
Multiple investigations involving tumor immunotherapy, mycobacterium bovis (BCG) vaccine, ocular immunology  
License activities for FDA on allergenic products

Principal Investigator, Phillips Eye Institute, 1985  
Use of Therapeutic Ultrasound in Treatment of Glaucoma  
(In collaboration with Cornell Medical School and Sonocare Inc.)

Co-Investigator, VISX/Taunton Technologies 1990-1998  
Excimer Laser for Corneal Scars and Refractive Errors,  
Multiple Clinical of excimer laser for myopia, astigmatism, hyperopia and therapeutic uses (PTK)

Co-Investigator, Alcon Labs  
Ocular Antibiotic Studies, topical ciprofloxacin for corneal ulcers and conjunctivitis

Co-Investigator, Allergan  
Ocular Antibiotic Studies

Co-Investigator, Chiron Ophthalmic Company  
Refractive Surgery products, liquefied collagen as surface smoothing agents

Principal Investigator, Ciba Vision Ophthalmic  
Topical Diclofenac for Excimer Pain and Additional Studies

eyeFix, Inc., 2001 to 2008  
Eye Fixation and Stabilization Devices for Refractive Surgery

Principal Investigator, Phillips Eye Institute, 1995-98  
Aesculap-Meditec Excimer Laser for the treatment of myopia, hyperopia

Principal Investigator, Daiichi Pharmaceutical  
2011A-PRT007: An Open Label Pilot Study to Determine Efficacy and Evaluate Safety of Cervimeline in the  
Treatment of Eye Dryness following Refractive Surgery

VISX Inc, 2004-05  
Long Term Outcomes of Photorefractive Keratectomy

Prism Research Inc., St Paul, MN  
Multiple drug studies, eye toxicity, includes work with BioThera and Novartis

Principal Investigator, ISTA Pharmaceutical Co., Irvine, California  
NSAIDs and Pain Studies, Dry Eye Studies

Principal Investigator, Medtronic Inc., 2003-15  
Effects of Ophthalmic Laser Induced Electromagnetic Radiation on Implantable Defibrillators and  
Pacemakers

Principal Investigator, St. Jude Medical, St. Paul, MN  
Compatibility of Implantable Pacemakers, Defibrillators with Ophthalmic Lasers  
(<http://www.eyeworld.org/printarticle.php?id=5002>)

Co-Investigator, Glaxo Smith Kline (GSK), 2008-09  
 FFR110537: A Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multicenter, Two-Year Study to Evaluate the Ocular Safety of Once-Daily, Fluticasone Furoate Nasal Spray 110mcg in Adults and Adolescents 12 Years of Age and Older with Perennial Allergic Rhinitis

Co-Investigator (Eye toxicity), TEVA Pharmaceutical, 2008-10  
 Long Term Safety and Efficacy Trial of Beclomethasone Dipropionate Hydrofluoralkane in Allergic Rhinitis

Co-Investigator, Pfizer, 2014-ongoing  
 A0081096: Vision Testing in Patients with Partial Seizures Receiving Lyrica or Placebo

Bausch and Lomb, 2012 completed  
 Contact Lens Associated Immune Infiltrates Associated with Contact Lens Solutions,  
<http://www.healio.com/ophthalmology/contact-lenses/news/online/%7B99A15FC0-9028-43CF-90CE-630F8D2FA2BD%7D/Clinicians-link-contact-lens-associated-infiltrative-keratitis-to-contact-lens-solution>)

Co-Investigator (Eye toxicity), Pearl Therapeutics  
 (Eye toxicity) Study to Assess the Safety and Tolerability of PT010, PT009 and PT003 in Subjects With Moderate to Very Severe Chronic Obstructive Pulmonary Disease

## PUBLICATIONS

### PEER REVIEWED PUBLICATIONS

- Haddow JE, Sher NA, Gall DG, Green D. *Streptococcal Wound Infection with Evidence of Widespread Tissue Involvement*. Pediatrics. 1971;48:458-462.
- Sher NA, Foon KA, Fishman ML. *Chemotactic Factors and MIF in the Aqueous Humor During Immunogenic Uveitis*. Invest Oph Vis Sci (suppl). April 1971; 58.
- Sher NA, Chaparas SD, Pearson JW, Chirigos MA. *The Virulence of Six Strains of Mycobacterium Bovis in the Mouse*. Infect Immun. 1973; 8:736-742.
- Sher NA, Pearson JW, Chaparas SD, Chirigos MA. *The Effect of Three Strains of Mycobacterium Bovis Against a Murine Leukemia Following Drug Therapy*. J. Natl Cancer Inst. 1973; 41: 2001-2003.
- Pearson JW, Chaparas SD, Sher NA, Chirigos MA. *Combined Drug and Immunostimulation Therapy Against a Syngeneic Murine Leukemia*. J. Natl Cancer Inst. 1974; 52: 463-468.
- Pearson MS, Chaparas SD, Torgersen JA, Perk K, Chirigos MA, Sher NA. *The Effect of Drug Therapy Against a Histologically Defined Rat Leukemia*. Cancer Res. 1974; 34: 355-361.
- Sher NA, Chaparas SD, Greenberg LG, Bernard S. *The Effect of BCG, Corynebacterium parvum and Methanol-Extraction Residue in the Reduction of Mortality from Staphylococcus Aureus and Candida Albicans Infections in Immunosuppressed Mice*. Infect Immun. 1975; 12: 1325-1331.
- Sher NA, Chaparas SD, Greenberg LG. *The Effect of BCG and C. parvum on the Mortality from S. Aureus Septicemia in Mice*. Cancer Res. Mar 1975; 16.
- Poplack DG, Sher NA, Blaese MR, Megrath I. *Effect of BCG on Guinea Pig Macrophage Chemotaxis and Colloidal AU 198 Uptake*. Cancer Res. Mar 1975; 16.
- Poplack DG, Sher NA, Chaparas SD, Blaese RM. *The Effects of BCG on Macrophage Random Migration, Chemotaxis and Colloidal Uptake in the Guinea Pig*. Cancer Res. 1976; 36: 1233-1237.

- Sher NA, Foon KA, Fishman MD, et al. *Demonstration of Monocyte Chemotactic Factor in the Aqueous Humor During Experimental Uveitis in the Rabbit*. Infect Immun. 1976; 13: 1110-1116.
- Sher NA, Doughman DJ, Mindrup E, et al. *Macrophage Migration Inhibition Factor (MIF) Activity in Aqueous Humor during Experimental Corneal Xenograft and Allograft Rejection*. Am J Ophthalmol. 1976; 82: 858-865.
- Doft BG, Merchant B, Johannessen L, Chaparas SD, Sher NA. *Contrasting Effects of BCG on Spleen and Lymph Node Antibody in Nude and Normal Mice*. J Immun. 1976; 117: 1638-1643.
- Sher NA, Poplack DG, Chaparas SD, Brown TM, Blaese RM. *The Effects of Corynebacterium parvum, Methanol Extraction Residue of BCG and Levamisole on Macrophage Random Migration, Chemotaxis and Colloidal 198 Au Uptake in the Guinea Pig*. J Natl Cancer Inst. 1977; 58: 1753-1757.
- Sher NA, Eifrig DE, Hill CW. *A Case of Bilateral Intraocular Nocardiosis Asteroides*. Arch Ophthalmol. 1977; 95: 1415-1418.
- Sher NA, Reiff W, Letson RD, Desnick RJ. *Central Retinal Artery Occlusion Complicating Fabry's Disease*. Arch Ophthalmol. 1978; 96: 815-817.
- Sher NA, Letson RD, Hill CW, Desnick RJ. *Ocular Manifestations of Fabry's Disease*. Arch Ophthalmology 1979; 97: 671-676.
- Sher NA, Wirtschafter J, Shapiro SK, See C, Shapiro I. *Unilateral Papilledema in "Benign" Intracranial Hypertension (Pseudotumor Cerebri)*. JAMA. 1983; 250: 2346-2347.
- Aquavella JV, Eiferman RA, Sher NA. *Red Eye: What's Dangerous? What's Not?* Patient Care. 1984; 18:87-114.
- Aquavella JV, Eiferman RA, Sher NA. *Is Your Red Eye Rx Up to Date?* Patient Care. 1985; 19: 63-83.
- Aquavella JV, Eiferman RA, Sher NA. *Treating Superficial Corneal Injuries*. Patient Care. 1985; 19: 27-45.
- Eiferman RA, Sher NA, Spindel D. *Finding the Cause of an Infant's Red Eye*. Patient Care. 1986; 20: 164-177.
- Lindquist TD, Sher NA, Doughman DJ. *Clinical Signs and Medical Therapy of Early Acanthamoeba Keratitis*. Arch Ophthalmol. 1988; 106: 73-77.
- Putnoi DW, Sher NA, Sigelman RJ. *Is Your Ophthalmoscope a Dinosaur?* Patient Care. 1987; 21: 52-59.
- Zabel RW, Sher NA, Ostrov CS, Parker P, Lindstrom RL. *Myopic Excimer Laser Keratectomy: A Preliminary Report*. Refract Corneal Surg. 1990; 6: 329-334.
- Zabel RW, Lindstrom RL, Sher NA, Ostrov C, Parker P. *Myopic Excimer Laser Keratectomy*. Invest Oph Vis Sci (suppl). 1990; 31(4).
- Frantz J, Lindstrom R, Sher N, Eiferman R, Meyers R, Brown D. *Results of Photorefractive Keratectomy with the 193 nm Excimer Laser*. Invest Oph (suppl). Mar 15, 1990; 32(4) 720, 721, and 996. (Reprinted in Chinese language edition of Archives).
- Sher NA, Bowers RA, Zabel RW, Frantz JM, Eiferman RA, Brown DC, Rowsey JJ, Parker P, Chen V, Lindstrom RL. *The Clinical Use of the 193 nm Excimer Laser in the Treatment of Corneal Scars*. Arch Ophthalmol. 1991; 109: 491-497. (Also abstracted in AJO, Yearbook of Ophthalmology, Yearbook of Optometry).

- Sher NA, Chen V, Bowers RA, Frantz J, et al. *The Use of the 193 nm Excimer Laser for Myopic Photorefractive Keratectomy in Sighted Eyes*. Arch Ophthalmol. 1991; 109: 1525-1530. (Also abstracted in JAMA, February 1992).
- Parker PJ, Sher NA, Lane SS, Barak MH, Daya SM, Lindstrom RL, Carpel EF, Ostrov CS, Doughman DJ, Campbell R. *Schnyder's Crystalline Corneal Dystrophy Treated with 193 nm Excimer Phototherapeutic Keratectomy (PTK)*. Ophthalmol Vis Sci. 1992; 33(4).
- Sher NA. *Reply to Letter to Editor*. Arch Ophthalmol. 1992; 110: 1041.
- Sher NA, Barak M, Sheraz D, DeMarchi J, Tucci A, Hardten DR, Jonathan MF, Eiferman RA, Parker P, Telfair WB, Lane SS, Lindstrom RL. *Excimer Laser Photorefractive Keratectomy in High Myopia*. Arch Ophthalmol. 1992; 110: 935. (Reprinted in Spanish edition of Archives). Abstracted in JAMA. 1993; 269: 273.
- Lindstrom RL, Sher NA, Barak M, DeMarchi J, Tucci A, Daya S, Hardten DR, Frantz JM, Eiferman RA, Parker P, Telfair WB, Lane SS. *Excimer Laser Photorefractive Keratectomy in High Myopia: A multicenter study*. Trans Am Ophthalmol Soc. 1992; 90: 277-301.
- Sher NA, Frantz JM, Talley A, Ostrov C, Doughman D, Carpel E, Lane S, Parker P, Lindstrom RL. *Ocular Pain Control After Excimer Laser PRK*. Invest Ophthalmol Vis Sci. 1993; 34 (4): 893.
- Talley AR, Sher NA, Doughman DD, Parker P, Carpel E, Ostrov C, Lane SS, Lindstrom RL. *Phototherapeutic Keratectomy for the Treatment of Recurrent Corneal Erosion Syndrome*. Transactions of the New Orleans Academy of Ophthalmology, 1993.
- Talley AR, Sher NA, Kim MS, Doughman DD, Carpel E, Ostrov C, Lane S, Parker P, Lindstrom RL. *The Use of 193 nm Excimer Laser for Photorefractive Keratectomy in Low to Moderate Myopia*. Transactions of the New Orleans Academy of Ophthalmology, 1993.
- Sher NA. *Laser Excimer: debat contradictoire*. Coup D'Oeil. 1993; 44: 30-31. (In French - letter to editor and comment)
- Eiferman RA, Hoffman RS, Sher NA. *Topical Diclofenac Reduces Pain Following Phototherapeutic Keratectomy, letter to the editor*. Arch of Ophthalmol. 1993; 111: 1022.
- Sher NA, Frantz JM, Talley AR, Parker P, Lane SS, et al. *Topical Diclofenac in the Treatment of Ocular Pain After Excimer Photorefractive Keratectomy*. Refract Corneal Surg. 1993; 9: 425-436.
- Talley AR, Sher NA, Kim MS, Doughman DJ, et al. *Use of the 193 nm Excimer Laser for Photorefractive Keratectomy in Low to Moderate Myopia*. J Cataract Refract Surg (suppl). 1994; 20: 239-242.
- Sher NA, Hardten DR, DeMarchi J, Lindstrom RL. *Excimer Photorefractive Keratectomy in Very High Myopia*. Seminars in Ophthalmology. 1994; 9: 97-101.
- Talley AR, Sher NA, Kim MS, Doughman DD, Carpel E. *The Use of the 193 nm Excimer Laser for Photorefractive Keratectomy in Low to Moderate Myopia*. Medical Cornea-Corneal and Refractive Surgery, Proceedings of the 42nd Annual Symposium, New Orleans. Academy of Ophthalmology, p. 113-119, New York, Kugler Publications, 1994.
- Talley AR, Hardten DR, Sher NA, Kim MS, Doughman DJ, Carpel E, Ostrov CS, Lane, SS, Parker P, Lindstrom RL. *Results One Year Using the 193 nm Excimer Laser for Photorefractive Keratectomy in Mild to Moderate Myopia*. Am J Ophthalmol. 1994; 118: 304-311.
- Sher NA, Hardten DR, Fundingsland B, DeMarchi J, Carpel E, Doughman DJ, et al. *193 nm Excimer Photorefractive Keratectomy in High Myopia*. Ophthalmol, Arch Ophthalmol. 1994; 101: 1576-1582.



- Sher NA, Krueger RR, Teal P, Jans RG, Edmison D. *Role of Topical Corticosteroids and Nonsteroidal Anti-inflammatory Drugs in the Etiology of Stromal Infiltrates after Excimer Photorefractive Keratectomy.* J of Refract Corneal Surg. 1994; 10: 587-88.
  - Sher NA. *Clinical Consultation.* Ophthalmic Practice. 1995; 13: 27-32.
  - Sher NA, Trobe JD, Weingeist TA. *New Options for Vision Loss.* Patient Care. Sept 15, 1995; 55-75.
  - Sher NA, Fundingsland BR, Bergin A, Burba T, Forber S, DeMarchi J. *The Effect of Various Methods of Eye Immobilization on Corneal Topography.* J Refract Surg. 1996; 12: 467-471.
  - O'Connor G, Mulhern MG, Sher NA. *Using the Eye Fixation Speculum as an Adjunct to Pterygium Surgery.* Ophthalmic Surg Lasers. Mar-Apr 2001; 32(2):162-165.
  - Sher NA. *Hyperopia Refractive Surgery.* Current Opinion Ophthalmol. Aug 2001;12(4):304-308.
  - Sher NA. *Consultation: LASIK Complications.* J Cataract Refract Surg. Jan 2004; 30: 9-10.
  - Sher NA, Golben MP, Bond W, Trattler WB, Tauber S, Voirin TG. *Topical Bromfenac 0.09% vs Ketorolac 0.4% for the Control of Pain, Photophobia, and Discomfort Following PRK.* J Refract Surg. Feb 2009; 25(2): 214-220.
  - Sher NA, Golben MP, Barriga R. *An In-Vitro Evaluation of the Compatibility of Medtronic Implantable Pulse Generators and Implantable Cardioverter Defibrillators with Ophthalmic Laser Systems,* submitted for publication, Journal of Cataract and Refractive Surgery, 2008
  - Sher, Neal A.; Golben, Mikhail; Goyal, Dinesh; Stockenstrom, Trond. *Techniques and Postoperative Management of the Surface Ablation Patient.* Techniques in Ophthalmology. 8(4):127-132, December 2010.
  - Sher, NA, Golben, MP, Kresge, K, Selznick L and Adabag, S, *An In Vitro Evaluation of Electromagnetic Interference Between Implantable Cardiac Devices and Ophthalmic Laser Systems,* Europace. Feb 17 2011 (web version ahead of print)
- Sher, Neal A.; Golben, Mikhail; Bond, William; Trattler, William B.; *A Retrospective Review of Photorefractive Keratectomy to Enhance Earlier Radial Keratotomy* International Ophthalmology Clinics. Spring 2011, Volume 51(2) : 39-49

#### **PUBLISHED ABSTRACTS AND SELECTED TRADE JOURNAL ARTICLES**

- Bowers RA, Sher NA, Gothard TW, Chen V, Zabel R, Ostrov C, Carpel E, Lane S, Frantz JM, Eiferman R, Rowsey J, Lindstrom R. *The Clinical Use of 193 nm Excimer Laser in the Treatment of Corneal Scars.* Invest Oph Vis Sci (suppl). 1991; 32(4): pages 720, 721, 996.
- Chen V, Gothard TW, Bowers RA, Parker P, Sher NA, Zabel RW, Lindstrom R. *Myopic, Hyperopic and Combined Excimer Laser Corneal Photo Ablation in the Rabbit.* Annual Meeting, Association for Research in Vision and Ophthalmology. Apr 28-May 3, 1991.
- Sher NA, Barak M, Daya SM, Lane SS, Parker P, Doughman DJ, Lindstrom RL, Frantz JM, Eiferman R, Tucci A. *Photorefractive Keratectomy (PRK) using the 193 nm Excimer Laser in High Myopia.* Invest Ophthalmol Vis Sci. 1992; 33(4).
- Daya SM, Sher NA, Barak MH, Lane SS, Doughman DJ, Carpel E, Ostrov C, Parker P, Lindstrom RL. *Photorefractive Keratectomy using the 193 nm excimer Laser for Reduction of Myopia in Sighted Eyes.* Invest Ophthalmol Vis Sci. 1992; 33(4).

- Parker PJ, Sher NA, Lane SS, Barak MH, Daya SM, Lindstrom RL, Carpel EF, Ostrov CS, Doughman DJ, Campbell R. *Schnyder's Crystalline Corneal Dystrophy Treated with 193 nm Excimer Phototherapeutic Keratectomy (PTK)*. Ophthalmol Vis Sci. 1992; 33(4).
- Parker PJ, Klyce SD, Ryan BL, Lindstrom RL, Sher NA, McDonald MB, et al. *Central Topographic Islands Following Photorefractive Keratectomy*. Invest Ophthalmol Vis Sci. 1992; 34(4):803.
- O'Day DG, Sher NA, Eiferman RA, DeMarchi J, Doughman DJ, Lane S, et al. *Excimer Photorefractive Keratectomy Retreatment in Myopia*. Invest Ophthalmol Vis Sci. 1993;34(4):894.
- Sher NA, Frantz JM, Talley A, Ostrov C, Doughman D, Carpel E, Lane S, Parker P, Lindstrom RL. *Ocular Pain Control After Excimer Laser PRK*. Invest Ophthalmol Vis Sci. 1993;34(4): 893.
- Talley AR, Sher NA, Doughman DJ, Parker P, et al. *Phototherapeutic Keratectomy (PTK) for the Treatment of Recurrent Corneal Erosion Syndrome*. American Academy of Ophthalmology, Chicago, IL, Nov 14, 1993.
- Talley AR, Sher NA, Kim MS, Doughman DJ, et al. *Use of the 193 nm Excimer Laser for Photorefractive Keratectomy in Low to Moderate Myopia*. J Cataract Refract Surg (suppl). 1994; 20: 239-242.
- Hardten DR, Dougherty PJ, Sher NA, Carpel E. *Phototherapeutic Keratectomy for Anterior Corneal Scars and Dystrophies*. Invest Oph Vis Sci. 1994; 35: 1298.
- Moadel K, Donnenfeld ED, Odrich M, Sher NA. *Excimer Ablation Patterns in Patients with Granular/Lattice (Avellino) Dystrophy*. Invest Oph Vis Sci. 1994; 35: 1298.
- Sher NA, Krueger RR, Teal P, Jans RG, Edmison D. *Role of Topical Corticosteroids and Nonsteroidal Anti-inflammatory Drugs in the Etiology of Stromal Infiltrates after Excimer Photorefractive Keratectomy*. J Refract Corneal Surg. 1994; 10: 587-588.
- Eiferman RA, Sher NA, Cavanaugh D, Weiss J. *Correction of Myopic Astigmatism with the Meditec MEL 60 Scanning Excimer Laser*. Invest Oph Vis Sci. 1997; 38: 4.
- Sher NA. *Screening LASIK Candidates Can Sidestep Complications*. Ocular Surg News. Jul 1, 2001: p. 9.
- Sher NA. *Overcorrections Manageable After Myopic Refractive Surgery*. Ocular Surg News. May 15, 2002: p.17.
- Barriga R, Dunens K, Erickson P, Mills J. Sher NA. *Are IPGs and Ophthalmic Lasers Compatible?* Medtronic, Inc., 22nd Annual Science & Technology Conference, October 1-3, 2003.
- Sher NA. *Limiting Liability Exposure in Laser Vision Correction*. LNC Resource Magazine, Jan 2006.
- Sher NA. *NSAIDs and Pain, A Comparison of Two Topical Agents*. Refract Eyecare. Dec 2008;10(12): 12-15.
- Sher NA. *Bromfenac and Ketorolac Equally Safe and Effective for Post-PRK Treatment*, Ophthalmol Times. Mar 15, 2008.
- Sher NA. *PRK: Feeling Better and Healing Faster*. EyeNet Magazine. Sept 2008.
- Lipner M, Sher NA. *A Beat Beyond: Pacemakers and Lasers*. EyeWorld. Jul 13, 2009.
- Chandler, SP, Gow, JA McNamara, TR, Rowen SL, Sher, NA. *Bromfenac Ophthalmic Solution for Treating the Signs of Dry Eye Disease*. 6th International Conference on the Tear Film & Ocular Surface, Florence, Italy, 2010.

- Chandler, SP, Gow, JA McNamara, TR, Rowen SL, Sher, NA. *Alleviation of Dry Eye Disease Symptoms with Bromfenac Ophthalmic Solution*. 6th International Conference on the Tear Film & Ocular Surface, Florence, Italy, 2010.
- Sher NA, Jedlicka J, Golben M. *Multipurpose Solution May Be Associated With Contact Lens-associated Infiltrative Keratitis*, Ocular Surg News U.S. Edition, April 10, 2013: p.36,38.
- Sher NA, Jedlicka J, Golben M. *Response to Multipurpose Disinfecting Solution Article*, Ocular Surg News U.S. Edition, April 25, 2013: p.5-6.

#### **TEXTBOOK CHAPTERS**

- Sher NA, DeMarchi J, Lindstrom RL. "Use of 193-nm Excimer Laser for Photorefractive and Phototherapeutic Keratectomy, in Corneal Surgery." Brightbill FS, St. Louis: Mosby Co, 1994. 515-525
- Sher NA. "The Management of Postoperative Pain after Excimer Laser Surgery." Excimer Laser Refractive Surgery, Practice and Principles. Machat, J. Thorofare, NJ: Slack Inc., 1996.
- Sher NA, Burba T. "The Eye Fixation Speculum: A New Instrument to Immobilize the Eye During Refractive Surgery." Excimer Laser Refractive Surgery, Practice and Principles. Machat J. Thorofare, NJ: Slack Inc., 1996.
- Sher NA, Schroeder E. „Aesculap Meditec MEL-60 Excimer PRK." Textbook of Excimer Surgery. Talamo J, Krueger R. 1996.
- Sher NA. "The Postoperative Management of the Excimer Laser Patient." Textbook of Refractive Surgery. Wu H, Steinert R, Thompson V. St. Louis: Mosby Co, 1997.
- Sher NA. "Postoperative Management of Excimer PRK in Corneal Surgery" Brightbill FS. St. Louis: Mosby Co, 1997.
- Sher NA. "LASIK for Hyperopia, Hyperopic Astigmatism, and Presbyopia." LASIK Fundamental, Surgical Techniques, and Complications. Azar DT, Koch DD. Newyork, NY: Marcel Dekker Inc., 2003.

#### **TEXTBOOKS**

Neal A. Sher, MD. Surgery of Hyperopia and Presbyopia. Baltimore, MD: William and Wilkins, July 1997

Neal A. Sher, MD. Surgery of Hyperopia. Thorofare, NJ: Slack Inc., October 2003

(<http://www.slackbooks.com/view.asp?SlackCode=66518>)

#### **MONOGRAPHS (Peer Reviewed)**

- Sher NA. Post Operative Care of the PRK Patient: Focal Point Module. San Francisco, CA: American Academy of Ophthalmology, December 1998, by invitation.
- Sher NA. External Disease and Cornea: A Multimedia Collection, Refractive Surgery Supplement. San Francisco, CA: American Academy of Ophthalmology, July 2000 by invitation.
- Sher NA, Mandelbaum S. Refractive Errors, Preferred Practice Pattern. San Francisco, CA: American Academy of Ophthalmology, October 2002, by invitation.
- Pascucci SE, Sher NA. Surgical Correction of Hyperopia. Focal Points Module, Vol XXII. San Francisco, CA: American Academy of Ophthalmology, June 2004, by invitation.

**SELECTED LECTURES AND INVITED PRESENTATIONS (1990 TO PRESENT)**

- American Society for Cataract and Refractive Surgery: Excimer Laser Photorefractive Keratectomy and Myopic Refractive Keratectomy. Los Angeles, CA, April 1990.
- Joint Commission on Allied Health Personnel in Ophthalmology: Lasers in Ophthalmology: Results of Excimer Laser Myopic and Phototherapeutic Keratectomy (national course), St. Paul, MN, May 1990.
- 3rd District Minnesota Nurses Association: What's New in Ophthalmology? Minneapolis, MN, March 13, 1990.
- Third International Workshop on Laser Surgery of the Cornea: Myopic and Phototherapeutic Excimer Laser Keratectomy. Atlanta, GA, November 1990.
- Phillips Eye Institute: Anterior Segment Skills Transfer Workshop. Minneapolis, MN, October 7-8, 1990.
- Contact Lens Association of Ophthalmologists (CLAO): Corneal Laser Surgery. Las Vegas, NV, January 1991.
- American Society for Cataract and Refractive Surgery: Myopic Photorefractive Keratectomy. Boston, MA, April 7, 1991.
- Cornell Medical School: Update on Corneal Disease. New York, NY, July 1991.
- New York Hospital: Excimer Laser Phototherapeutic Keratectomy. Invited speaker. New York, NY, July 1991.
- Contact Lens Association of Ophthalmologists (CLAO): Corneal Laser Surgery. Las Vegas, NV, January 17, 1992.
- Hotel Hospital Dieu: Current Status on Excimer Laser PRK. Paris, France, April 3, 1992.
- Manhattan Eye and Ear Hospital: Excimer Laser PTK and High Myopia. Invited speaker. New York, NY, September 1992.
- Phillips Eye Institute: Penetrating Keratoplasty – Surgical Technique, Anterior Segment Reconstruction and Corneal Preservation. Invited faculty. Minneapolis, MN, October 16, 1992.
- Fourth Annual New Ulm Fall Seminar, Sioux Valley Hospital: Can you throw away your glasses...? Invited speaker. New Ulm, MN, October 25-26, 1992.
- Alcon Laser Breakfast at the American Academy of Ophthalmology: Excimer in High Myopia. Invited Speaker. Dallas, TX, November 1992.
- Royal Hawaii Eye Meeting: Topical Diclofenac in the Treatment of Excimer PRK Pain. Kapalua, HI, January 16, 1993.
- Contact Lens Association of Ophthalmologists: Moderator, Excimer Laser Symposium. Las Vegas, NV, January 22, 1993.
- Association for Research in Vision and Ophthalmology: Diclofenac for Pain after Excimer PRK. Sarasota, FL, May 4, 1993.
- American Society for Refractive and Cataract Surgery: Excimer PRK in Very High Myopia. Seattle, WA, May 8, 1993.

- American Society for Refractive and Cataract Surgery: Control of Post Excimer Pain with NSAID. Seattle, WA, May 8, 1993.
- Continuing Education Program for Ophthalmic Medical Personnel: Lasers in Ophthalmology. Invited speaker. Minneapolis, MN, May 22, 1993.
- State University of New York Upstate Medical School: Post-Graduate Course on Excimer Laser Surgery. Invited speaker. Syracuse, NY, June 19, 1993.
- International Society for Refractive Keratoplasty (ISRK): Symposium on Excimer Laser. Invited participant. Minneapolis, MN, July 27-29, 1993.
- American Society for Cataract and Refractive Surgery: Symposium on Refractive Surgery. By invitation. Los Angeles, CA, Aug 26-29, 1993.
- Phillips Eye Institute: Refractive Surgery Update Course. Invited participant, three papers given. Minneapolis, MN, October 8, 1993.
- HealthSpan Educational Telephone Network conference to six hospital staffs: Refractive surgery, who should have it and how should it be done? October 19, 1993.
- American Academy of Ophthalmology, annual meeting: 193 nm Excimer Photorefractive Keratectomy for Very High Myopia. Chicago, IL, Nov 17, 1993.
- American Academy of Ophthalmology, annual meeting: In-Office Laser Surgery: Refractive, Glaucoma, and Retinal Techniques. Instructional course with Drs. F. L'Esperance Jr., Arnall Patz, Richard Simmons, Peter J. McDonnell, Marc Odrich. Chicago, IL, Nov 18, 1993.
- International Society for Refractive Keratoplasty (ISRK) pre-AAO: Topical Diclofenac for Post PRK Pain Control. Chicago, IL, November 14, 1993.
- International Society for Refractive Keratoplasty (ISRK): Excimer Photorefractive Keratectomy for Very High Myopia. Chicago, IL, November 14, 1993.
- American Academy of Ophthalmology: 193 nm Excimer Photorefractive Keratectomy in Very High Myopia. Chicago, IL, November 17, 1993.
- International Society of Refractive Keratoplasty Pre-Academy Meeting. Update on Excimer Laser Phototherapeutic Keratectomy with David R. Hardten, MD, Paul J. Dougherty, MD, Neal A. Sher, MD, Stephen S. Lane, MD, Emmett Carpel, MD, Charles S. Ostrov, MD, Donald J. Doughman, MD and Richard L. Lindstrom, MD. Chicago, IL, November, 1993.
- Canadian Society of Photorefractive Surgeons: Pain Control after Excimer Laser PRK. Invited guest. Whistler, British Columbia, Canada, February 19, 1994.
- University of Montreal, Department of Ophthalmology: Update. Invited lecturer, three lectures given. Montreal, Quebec, Canada, April 6-9, 1994.
- American Society for Cataract and Refractive Surgery: A New Instrument for Stabilization of the Eye During Refractive Surgery. Boston, MA, April 12, 1994.
- American Society for Cataract and Refractive Surgery: Excimer Laser Surgery PRK and PTK, An update. Course organizer, Boston, MA, April 10, 1994.
- International Anterior Segment Congress. Use of the 193-nm Excimer Laser For Removal of Corneal Scars with David R. Hardten, MD, Stephen S. Lane, MD, Donald J. Doughman, MD, Richard L. Lindstrom, MD, Neal A. Sher, MD, and Paul J. Dougherty, MD. Toronto, Canada, June, 1994.

- International Anterior Segment Congress: Complications of Excimer PRK and How to Avoid Them; New Instrument for Stabilization of the Eye During Refractive Surgical Procedure; Are Steroids Necessary after PRK? Toronto, Ontario, Canada, June 22-25, 1994.
- International Congress of Ophthalmology: Excimer PRK in Low and Moderate Myopia; Excimer PRK in Very High Myopia. Toronto, Ontario, Canada, June 26-30, 1994.
- International Society for Refractive Keratoplasty, Pre-AAO Meeting: Effect of Various Eye Immobilization Methods on Corneal Topography in a Cadaver Eye Model. San Francisco, CA, October 28, 1994.
- American Society for Cataract and Refractive Surgery, Pre-AAO Meeting: Complications of Excimer PRK and PTK. San Francisco, CA, October 29, 1994.
- American Society for Cataract and Refractive Surgery, Pre-AAO Meeting: Are Steroids Necessary Post PRK? Neal A Sher MD, Ronald Krueger MD, Patricia Teal MD and Ronald Jans MD, Invited participant. San Francisco, CA, October 29, 1994.
- American Academy of Ophthalmology and Contact Lens Association of Ophthalmology: Contact Lens Fitting Post Excimer Laser PRK. Invited participant. San Francisco, CA, October 30, 1994.
- American Academy of Ophthalmology: Instructional Course in Office Laser Techniques with Frances L'Esperance, Jr. MD, Arnall Patz, MD, Richard Simmons, MD, Mark Odrich, MD, and Richard Gilbralter, MD. San Francisco, CA, November 2, 1994.
- Phillips Eye Institute: Postgraduate Course in Excimer Laser Surgery; Lectures on Postoperative Management and Complications Post PRK. Minneapolis, MN, November 12, 1994.
- Midwest Ophthalmology Consultants: Postoperative Course on Excimer Laser. By invitation. Minneapolis, MN, December 3, 1994.
- Pan American Implant Society: The Effect of Various Methods of Eye Immobilization on Corneal Topography. Fort Lauderdale, FL, December 27, 1994.
- Contact Lens Association of Ophthalmologists, Course Chairman: Clinical Applications of 193 nm Excimer Laser. By invitation. Las Vegas, NV, January 14, 1995
- Hawaii '95: Contact Lens Fitting after Refractive Surgery; The Effect of Various Methods of Eye Immobilization on Corneal Topography. By invitation. Waikoloa, HI, January 21-25, 1995.
- University of Crete Medical School: International Symposium on Laser Assisted In Situ Keratomileusis (LASIK). By invitation. Crete, Greece, February 12-13, 1995.
- Medical College of Ohio, Island Ophthalmology Seminar: The Effect of Various Eye Immobilization Techniques; Corneal Topography, Pain Control and Complication of Excimer PRK. By invitation. St. Croix, Virgin Islands, March 3-8, 1995.
- American Society for Cataract and Refractive Surgery. Corneal Topography after Various Methods of Eye Fixation; Eye Fixation Speculum: A new instrument to stabilize the eye during Refractive Surgery; Moderator, Refractive Session. By invitation. San Diego, CA, April 4-6, 1995.
- Phillips Eye Institute Refractive Surgery Update Course: Postoperative Management of Excimer PRK; Complications of PRK. Minneapolis, MN, May 13, 1995.

- Joint Commission on Allied Health Personnel in Ophthalmology (national course): Excimer Laser Surgery. By invitation. Minneapolis, MN, May 21, 1995.
- CibaVision Ophthalmics Corporation: Lecture on Refractive Surgery. By invitation. Atlanta, GA, July 2, 1995.
- International Society for Refractive Surgery Mid-Summer Meeting, Panelist;
- Poster presentation: A New Instrument for the Stabilization of the Eye in Refractive Surgery, Minneapolis, MN, July 27-30, 1995.
- University of Indiana School of Optometry: Course on the Management of Excimer Patients, keynote speaker. By invitation. Bloomington, IN, August 12, 1995.
- Second International Conference on Experimental Ocular Therapeutics: Corneal Pain — Clinical Perspectives. By invitation. Geneva, Switzerland, September 27-October 1, 1995.
- American Academy of Ophthalmology: Postoperative Management of Excimer PRK. By invitation from AAO Special Interest Group on Refractive Surgery. Atlanta, GA, October 28, 1995.
- American Academy of Ophthalmology: A New Instrument for Stabilization of the Eye During Refractive Surgery (poster). Atlanta, GA, October 29-31, 1995.
- American Academy of Ophthalmology: Discussion of Hersh et al; Factors Affecting Outcome of Excimer PRK; Phase III PRK Trials. By invitation. Atlanta, GA, October 31, 1995.
- American Academy of Ophthalmology: Instructional Course in Office Laser Techniques with Frances L'Esperance, Jr., MD, Arnall Patz, MD, Richard Simmons, MD, Mark Odrich, MD and Richard Gilbralter, MD. Atlanta, GA, October 31, 1995.
- Hawaii '96: Lectures given on Hyperopic PRK; Issues in Postoperative Management of PRK. Invited faculty. Kihei, HI, January 21-28, 1996.
- World Congress of Cornea: A New Instrument for Stabilization of the Eye during Refractive Surgery, Orlando, FL, April 18, 1996.
- Cincinnati Ophthalmologic Society: Medical Management of PRK. Invited speaker. Cincinnati, OH, May 8, 1996.
- Phillips Eye Institute: Update on Keratorefractive Surgery; Comparison of Various Excimer Laser Systems. Minneapolis, MN, May 11, 1996.
- Case Western Reserve Medical School: Update for the Comprehensive Ophthalmologist; Hyperopic Refractive Surgery; Eye Movement and Refractive Surgery; Issues in Postoperative Management. Invited speaker. Cleveland, OH, May 18, 1996.
- American Society for Cataract and Refractive Surgery: Refractive Surgery. Panel member (by invitation). Course on Meditec Excimer Laser, Saccadic Eye Movement on PRK. Seattle, WA, June 2-5, 1996.
- International Society for Refractive Surgery. Mid Summer Symposium. Advances in Pharmaceuticals in Refractive Surgery, Session Moderator, by invitation, July 20, 1996.
- 3rd District Nurses Association, Minneapolis, MN. Advances in Refractive Surgery, Sept 17, 1996.
- American Academy of Ophthalmology, Reshaping the Future, Refractive Surgery Symposium, Postoperative Management of PRK, Chicago, IL October 25, 1996. By invitation.

- Contact Lens Association of Ophthalmologists. The Effect of Saccadic Eye Movement on PRK Outcome. Las Vegas, NV, January 16, 1997. By invitation.
- Hawaii 97, The Use of the Aesculap-Meditec MEL 60 Laser for the Treatment of Myopic Astigmatism, The Eye Fixation Speculum: A New Instrument for the Reduction of Movement during Refractive Surgery, Postoperative Management of PRK, January 18-24, 1997, Wailea, HI. By invitation.
- San Antonio Ophthalmologic Association and the University of Texas, San Antonio. The Surgery of Hyperopia and Presbyopia, Has its Time Come and 4 other lectures. By invitation, February 15, 1997, San Antonio TX.
- American Society for Cataract and Refractive Surgery. Boston, MA Moderator, Phacoemulsification, April 27, 1997, by invitation.
- American Society for Cataract and Refractive Surgery. Boston, MA. A New Instrument to Immobilize the Eye and Improve the Safety and Outcome of Refractive Surgery (poster presentation) April 26, 1997.
- World Refractive Symposium, International Society for Refractive Surgery. The Eye Fixation Speculum: A New Instrument to Immobilize the Eye and Improve the Safety and Outcome of Refractive Surgery (poster presentation) Orlando, FL, June 13, 1997.
- European Society of Cataract and Refractive Surgery. Smoother Corneal Surfaces, Better Outcomes, The Reduction of Saccadic Eye Movement with the Eye Fixation Speculum, Prague, Czech Republic, September 9, 1997.
- European Society of Cataract and Refractive Surgery, Methods for Predicting Refractive Results and Improving Refractive Outcome After PRK (with Paolo Vinciguerra, MD) Prague, Czech Republic, September 9, 1997.
- Midwest Optical Conference, PRK: Where We Have Been, Where We Are Going, Minneapolis, MN, September 26, 1997.
- International Society of Refractive Surgery, Invited Speaker, Overview of Hyperopia and Presbyopia, San Francisco, CA, October 24, 1997.
- American Academy of Ophthalmology, Smoother Surfaces, Better Outcomes: The Control of Random Saccadic Eye Movement During PRK with the Eye Fixation Speculum, San Francisco, CA, October 26, 1997.
- Abbott Northwestern Hospital Attending Rounds Program, Is It Time To Throw Away Your Glasses? An Update on Refractive Surgery, Minneapolis, MN, November 4, 1997.
- Hawaii 98, invited speaker. The Use of the Eye Fixation Speculum in Refractive Surgery. January 18-24, Wailea, HI.
- Pacific University College of Optometry, invited speaker. Eye Movement during Refractive Surgery. Jan 21, 1998, Wailea, HI.
- Contact Lens Association of Ophthalmologists. Update on PRK, Invited speaker, Medical Management of PRK and Problems of Eye Movement during Refractive Surgery. Jan 31, 1998. Las Vegas, NV.
- American Society for Cataract and Refractive Surgery. Annual Meeting, Myopic PRK 3-5 year follow up, San Diego, CA, April 19, 1998
- American Society for Cataract and Refractive Surgery. Annual Meeting, The Use of the Eye Fixation Speculum in Refractive Surgery. April 1998



- American Society for Cataract and Refractive Surgery. Annual Meeting, Ionnis Palikaris, Neal A Sher, Moderators, PRK Worldwide Update. April 17-21, 1998.
- Hennepin County Medical Center, Dept of Ophthalmology Conference, Long Term Effect of PRK, September 1998, Minneapolis, MN.
- International Society for Refractive Surgery, Moderator, Symposium, Surgery of Hyperopia, Paper: Historical Overview of Hyperopia Surgery, New Orleans, LA, November 6, 1998.
- International Society for Refractive Surgery, Three to Five Year Follow up of PRK, New Orleans, LA, November 6, 1998.
- American Academy of Ophthalmology, Leader, Breakfast with the Experts, PRK vs. LASIK, New Orleans, LA, November 9, 1998.
- Laser Vision Center, Incorporated, Presenter: My Preferred LASIK Techniques, and Unilateral or Bilateral? Invited speaker, at Phillips Eye Institute, Minneapolis, MN, January 9, 1999.
- American Society for Cataract and Refractive Surgery (ASCRS), Refractive Surgery and the Internet, course director, Seattle, WA, April 6-10, 1999.
- International Society for Refractive Surgery, Summer Refractive Surgery Symposium, PRK and LASIK results in Myopia. GLORY Course, by invitation, July 16, 1999.
- International Society for Refractive Surgery, Summer refractive Surgery Symposium, LASIK after Cataract Surgery, by invitation, July 16, 1999.
- American Academy of Ophthalmology, RSIG Meeting, Can LASIK be performed after Cataract Surgery, by invitation, Orlando, FL, October 22 1999.
- International Society for Refractive Surgery, World Refractive Surgery Symposium, Pacemakers and Ophthalmic Lasers, October 21, 1999.
- International Society for Refractive Surgery, World Refractive Surgery Symposium, LASIK after Cataract Surgery, Orlando, FL, October 21, 1999.
- American Academy of Ophthalmology, Breakfast with the experts. PRK vs. LASIK, by invitation, Orlando, FL, October 22 1999.
- Italian Academy of Ophthalmology, LASIK after Cataract Surgery, invited guest lecturer, Rome, Italy, November 25, 1999.
- Hawaii 2000, Can LASIK be done after Cataract Surgery?, Maui, HI, January 19, 2000.
- Phillips Eye Institute, Refractive Rounds, Pacemakers and Lasers, Minneapolis, MN, March 23, 2000.
- ASCRS Annual Meeting, Director, Internet and Refractive Surgery, Boston, MA April and May 2000.
- VisionQuest, LASIK Institute, Chicago, IL, invited faculty. Moderator, Panel on Hyperopia, Patient Screening, LASIK complications, August 25-27, 2000.
- American Academy of Ophthalmology, RSIG meeting, Panelist, Non Excimer Laser Shaping of the Cornea, by invitation, Dallas, TX, October 21, 2000.
- American Academy of Ophthalmology, RSIG meeting, Panelist, Presbyopia Surgery, by invitation, Dallas, TX, October 21, 2000.

- ISRS Fall World Refractive Surgery Annual Meeting, Dallas, TX, How to Avoid Complications in LASIK, October 20, 2000.
- American Academy of Ophthalmology, Refractive Surgery 2000, Panelist (by invitation) Presbyopia October 21, 2000 Dallas Texas, TX
- Hawaii 2001, Top Ten Ways to Avoid LASIK Complications, by invitation, Kauai, HI, January 23, 2001.
- Hawaii 2001, Marketing Your Refractive Practice on the Internet, (with Manus Kraff, MD) Kauai, HI, January 25, 2001.
- ASCRS Annual Meeting, San Diego, CA. Course Director, Using the Internet to Market Your Refractive Practice, April 23, 2001.
- Vision Quest Annual Meeting, Chicago, IL. Practice Management Panel Discussion, & Expectations and Candidacy, August 11 & 12, 2001
- Video Journal of Ophthalmology, Fall 2001, How to Market Your Refractive Practice on the Internet.
- Hawaii 2002, Management of Hyperopia after Myopic LASIK, by invitation, Waikoloa, HI, Jan 25, 2002.
- Hawaii 2002, Marketing Your Refractive Practice on the Internet, (with Manus Kraff, MD) Waikoloa, HI, January 22, 2002.
- Phillips Eye Institute, Refractive Rounds, Management of Hyperopia after Myopic Refractive Surgery, Feb 28, 2002.
- International Congress of Ophthalmology, Session Chairman, and paper entitled: Presbyopia Surgery, Where Are We? Sydney, NSW, Australia, April 26, 2002.
- Video Journal of Ophthalmology, How to Avoid LASIK Complications, Fall 2002.
- Phillips Eye Institute, Refractive Rounds, Dry Eye after LASIK, August 27, 2002.
- ISRS Fall World Refractive Surgery Annual Meeting, Orlando, FL, Correction of Hyperopia after Myopic PRK or LASIK, October 19, 2002, by invitation.
- ISRS Fall World Refractive Surgery Annual Meeting, Orlando, FL, Moderator, Panel on LASIK Enhancement Surgery, October 19, 2002, by invitation.
- Joint Commission on Allied Health (JCAPHO) Upper Midwest Course, November 9, 2002, Preventing LASIK Complications, by invitation.
- Hawaii 2003, Presbyopia Surgery, Where are we now? By invitation, Maui, HI, January 19-24, 2003.
- Hawaii 2003, LASIK Disasters, Medical Legal Issues. By invitation, Maui, HI, January 19-24, 2003.
- Hawaii 2003, Marketing Your Refractive Practice on the Internet, (with Manus Kraff, MD). By invitation, Maui, HI, January 19-24, 2003.
- ASCRS Annual Meeting, Panel Moderator, LASIK Complications, San Francisco, CA, April 17, 2003.
- ACRS Annual Meeting, Course Director, Medicolegal Issues in Refractive Surgery, San Francisco, CA, April 16, 2003.

- American Society Ophthalmic Assistants Meeting (by invitation), Prevention and Management of LASIK Complications, San Francisco, CA, April 14, 2003.
- American Academy of Ophthalmology, 2003 Subspecialty Day, Refractive Surgery, Session Moderator, Advances in Refractive Surgery, by invitation San Francisco, CA, November, 14, 2003.
- ASCRS Annual Meeting, Course Director, Medicolegal Issues in Refractive Surgery, San Diego, CA, May 2, 2004.
- Industrial Eye Safety Issues and Common Ocular Disorders, Excel Energy, Minneapolis, MN, Feb 24, 2005.
- ASCRS Annual Meeting, Washington DC, April 16, 2005, Moderator, LASIK, lunch with experts (by invitation).
- ASCRS Annual Meeting, Washington DC, April 19, 2005, Course Director, Medicolegal Issues in Refractive Surgery, with William Trattler MD and others.
- Hawaii 2006, by invitation, Hawaii Eye Meeting, January 17, 2006, Medicolegal Update in Refractive Surgery.
- ASCRS Annual Meeting, San Francisco, CA, March 20, 2006, Course Director, Medicolegal Issues in Refractive Surgery, with William Trattler MD and others.
- ASCRS Annual Meeting, San Francisco, CA, March 19, 2006, Course participant, Advanced Surface Ablation for Complicated Post refractive Surgery and Post-surgical Eyes, with William Trattler MD and others.
- ASCRS Annual Meeting, San Francisco, CA, March 20, 2006, Panelist, Cornea: Segments, Keratoconus, Endothelial, Keratoplasty, with Sheraz Daya MD and William Jory MD.
- ASCRS Annual Meeting, by invitation, San Diego, CA, April 29, 2007, Panelist, Keratorefractive: Epi-LASIK, LASEK, PRK.
- ASCRS Annual Meeting, San Diego, CA, April 29, 2007, Course Director, Medicolegal Issues in Refractive Surgery, with William Trattler MD, John Potter OD and Wendy J. Zellar, Esq.
- ASCRS Annual Meeting, San Diego, CA, April 29, 2007, Paper, Randomized Trial of Topical Bromfenac 0.09% Versus Ketorolac 0.4% for Control of Post-PRK Pain and Discomfort, Sher, NA, Golben M, Bond B, Trattler W, Tauber S.
- ASCRS Annual Meeting, San Diego, CA, May 1, 2007, Course Instructor, Surface Ablation (PTK, PRK, LASEK) for Complicated Post-Refractive Surgery and Post-Surgical Eyes.
- ASCRS Summer Refractive Congress, San Diego, CA, August 5, 2007, Case Report Post-LASIK Ectasia Without Risk Factors.
- Phillips Eye Institute 2007 Cornea Conference, Minneapolis, MN, October 13, 2007 Conference planning co-chair with Andrew J. W. Huang, MD, MPH.
- International Society for Refractive Surgery, Pre AAO conference, by invitation
- Hyperopia Management, Michael Lawless and Neal A Sher MD San Francisco, October 24, 2007
- International Society for Refractive Surgery, Pre AAO conference, by invitation

- Hyperopia Management Overview of Surgery for Hyperopia and Presbyopia, October 24, 2007, San Francisco CA
- DSAEK Course, Descemet's Stripping Automated Endothelial Keratoplasty, October 27, 2007, Phillips Eye Institute, Minneapolis MN
- ASCRS Annual Meeting, Chicago, IL, April 6, 2008, Course Director, Medicolegal Issues in Refractive Surgery, Co Faculty: John Potter OD, Lisa Nijm, JD, MD.
- ASCRS Annual Meeting, by invitation, Chicago, IL, April 6, 2008, Course instructor: Advanced Surface Ablation over Prior LASIK, at Surface Ablation for Complicated Post-Refractive and Post-Surgical Eyes, S. Barnes MD, course director.
- ASCRS Annual Meeting Chicago, IL, April 6, 2008, Sher, NA, Golben, M, Barriga, R. Compatibility of Pacemakers and Implantable Defibrillators with Ophthalmic Laser Systems.
- ASCRS Annual Meeting Chicago, IL, April 6, 2008, web/video interview for [www.opthamologyweb.com](http://www.opthamologyweb.com), topics, Laser vision correction for the military and pacemakers and ophthalmic lasers.
- ASCRS Annual Meeting, by invitation, Chicago, IL April 7, 2008, Panelist, Keratorefractive Epi-LASEK.
- International Congress on Surface Ablation & SBK, by invitation, Weston, FL, April 26, 2008, Panelist, Pain Management with Surface Ablation: Fact, Fiction and Folly
- Review of Ophthalmology, The Dulaney Foundation, Full Scope Glaucoma Treatment Update: From Surgical to Therapeutic Options, July 22, 2008 Minneapolis, MN
- American Academy of Ophthalmology and International Society of Refractive Surgery, Nov 7 & 8, 2008, Atlanta, GA, Invited Faculty, Break with experts, Presbyopia.
- ASCRS Annual Meeting, San Francisco, CA, April 6, 2009, Sher, NA, Course Director, Medicolegal Issues in Refractive Surgery, Co Faculty James Salz, MD; Lisa Nijm, JD, MD; John Potter, MD; Wendy Zeller, Esq.
- ASCRS Annual Meeting, San Francisco, CA, April 4, 2009, Paper Presentation: Retrospective Review of Photorefractive Keratectomy to Enhance Prior Radial Keratotomy. Sher, NA; Bond, WI; Trattler, WB, Golben, M.
- ASCRS Annual Meeting, San Francisco, CA, April 9, 2009, Course Director, Medicolegal Issues in Refractive Surgery, with Jim Salz, MD, Lisa Nijm MD, JD, John Potter OD and others.
- ASCRS Annual Meeting, Boston, MA, April 10, 2010, Course Director, Medicolegal Issues in Refractive Surgery, with Jim Salz, MD, John Potter OD, and others.
- American Academy of Ophthalmology, by invitation, moderator: Medico-Legal Issues In Refractive Surgery, October 17, 2010, Chicago IL
- ASCRS Annual Meeting, San Diego, CA, March 26, 2011, Course Director, Medicolegal Issues in Refractive Surgery: How to Avoid Being Sued, with Jim Salz, MD, William Tullo, OD, and others.
- ASCRS Annual Meeting, San Diego, CA, March 27, 2011, Panelist, Keratorefractive-Wavefront Papers/Symposia , with William Culbertson, IV, MD, Lawrence Katzen, MD, and Jim Salz, MD

- ASCRS Annual Meeting, Chicago, IL April 24, 2012, Neal A Sher MD, Course Director, Medicolegal Issues in Refractive Surgery: additional faculty: Jame Salz, MD, William Trattler, Lisa Nijm, JD, MD, Greg Tiermier Esq, John Potter OD, William Tullo, OD, and others.
- ASCRS Annual Meeting, Chicago, IL April 22, 2012, Panelist, by invitation, Keratorefractive Symposium, Topography. moderator Perry Binder, other panelists: Osama Ibrahim, M Shafik Shaheen
- ASCRS Annual Meeting, San Francisco, CA April 20, 2013, Panelist, by invitation Keratorefractive Imaging Paper Session. moderator Wolfgang Haigis, MS, PhD, other panelists: Michael O'Keefe, MD, and Charles Reilly, MD
- ASCRS Annual Meeting, San Francisco, CA April 21, 2013, Neal A Sher MD, Course Director, Medicolegal Issues in Refractive Surgery: additional faculty: Jame Salz, MD, William Trattler, Lisa Nijm, JD, MD, Greg Tiermier Esq, John Potter OD, William Tullo, OD, and others.
- ARVO Annual Meeting, Seattle, WA, May 5, 2013, Presenter, Global Summit on Contact Lens-Related CIEs, Moderator: Nathan Efron, other presenters: Robin Chalmers, Joanne Katz, Joseph Shovlin, Fiona Stapleton, and Mark Willcox
- ASCRS Annual Meeting, Boston, MA , April 27, 2014, Course Director, Medicolegal Issues in Refractive Surgery, William Trattler MD, Jim Salz, MD, Lisa Nijm MD, JD, John Potter OD Greg Tiermier Esq, William Tullo.
- ASCRS Annual Meeting, Boston, MA , April 21 2015, Course Director, Medicolegal Issues in Refractive Surgery, with William Trattler MD, Jim Salz, MD, Lisa Nijm MD, JD, John Potter OD Greg Tiermier Esq, William Tullo.
- ASCRS Annual Meeting, New Orleans, LA, May 8, 2016 Course Director, Medicolegal Issues in Refractive Surgery, with Jim Salz, MD, Lisa Nijm MD, JD, John Potter OD Greg Tiermier Esq, William Tullo OD
- ASCRS Annual Meeting, New Orleans, LA, May 8, 2016, Panelist, by invitation Phakic IOLs Paper Session

**SELECTED MEDIA PRESENTATIONS:**

Laser Vision Correction for Combat Soldiers. WCCO TV, News Extra, Minneapolis, MN; October 22, 2007.

Twin Cities Eye Doctor Offers "Sight for Soldiers", WCCO TV, (CBS) 10 PM news  
<http://minnesota.cbslocal.com/2016/05/17/sight-for-soldiers/>, May 17, 2016