

CURRICULUM VITAE

Randy J. Epstein, M.D., 5-29-23

CEO, Chicago Cornea Consultants, Ltd.

1) PERSONAL INFORMATION

Date/Place of Birth: 1/8/55, Chicago, IL

Business Address: 806 Central Ave.
Suite # 300
Highland Park, IL 60035
847-432-6010

Citizenship: U.S.

2) EDUCATION

9/72 - 6/76 Undergraduate:
B.S., with Distinction, in Biology
Univ. Of Illinois
Urbana, IL

8/76 – 6/80 Medical:
M.D.
Rush Medical College, Rush University

Chicago, Illinois

3) POST-GRADUATE TRAINING

7/80 – 8/81 Internship:
Dept. of Surgery Rotating Internship
Rush-Presbyterian St. Luke's Medical Center
(RPSLMC)
Chicago, Illinois

7/81 – 6/84	Residency: Dept. of Ophthalmology RPSLMC 1725 West Harrison Street Chicago, Illinois
7/84 – 6/85	Fellowship: Ocular Immunology & Research Dept. of Ophthalmology Emory University Atlanta, Georgia
7/85 – 6/86	Fellowship: Cornea & External Diseases Refractive Surgery Dept. of Ophthalmology Emory University Atlanta, Georgia

4) ACADEMIC APPOINTMENTS

Academic/Hospital Medical Staff Appointments

7/80-6/83	Assistant, Rush Medical College Chicago, IL
7/83-6/84	Instructor, Rush Medical College (RMC) Adjunct Attending, RPSLMC
7/84-6/86	Fellow in Ophthalmology, Emory University School of Medicine Visiting Scientist in Neurobiology, Yerkes Reg. Primate Res. Ctr. Attending physician: Emory University Hospital Grady Memorial Hospital Atlanta VA Hospital Crawford W. Long Hospital Henrietta Eggleston Hospital for Children
7/86- 6/90	Assistant Professor of Ophthalmology, Rush Medical College, Assistant Attending Physician, Rush-Pres.-St. Luke's Medical Center (RPSLMC), Chicago
7/86- 8/04	Lecturer in Ophthalmology, Univ. of Illinois at Chicago
7/86-	Attending Physician, Highland Park Hospital/Northshore University HealthSystem, Highland Park, IL
7/87-5/98	Attending Physician, Rush North Shore Medical Center, Skokie, IL
7/90-6/04	Associate Professor, Rush Medical College

7/90-12/03 Associate Attending Physician, RPSLMC
 1/92-7/98 Consulting staff, St. Therese Medical Center, Waukegan, IL
 1/93- Attending Staff, St. Alexius Medical Center, Hoffman Estates,
 5/94-5/15 Consulting Staff, Illinois Masonic Medical Center, Chicago, IL
 1/04- Senior Attending Physician, Rush University Medical Center
 7/04- Professor, Rush University, Dept. of Ophthalmology
 1/16-6/21 Director, Cornea Service

Active Hospital Staff Appointments:

Rush University Medical Center: 7/86 □
 Northshore University HealthSystem: Since inception □
 St. Alexius Medical Center: Since inception □

Surgicenter Staff Appointments:

Northshore Surgicenter (USPI): 9/11 □
 Rush Surgicenter (RSC): Since inception □
 Hoffman Estates Surgicenter (HESC): 10/08-7/19, 2/22-2/23
 River North Surgicenter (USPI): 11/18 □
 The Surgery Center at 900 North Michigan Avenue, LLC (Magna): 1/19-11/22
 Algonquin Road Surgery Center, LLC (ARSC): 10/20 □

5) SCIENTIFIC, SCHOLARLY, and TEACHING ACTIVITIES

Named/Honored Lectureships

- 4/00 University of Texas, San Antonio, Dept. of Ophthalmology “Alamo City Ophthalmology Clinical Conference”
Honored Guest Lecturer: “Ocular Allergy and Immunology”.
- 6/02 Emory University Residents Day. Atlanta, GA. **Distinguished Alumni Lecturer:** “LASIK Complications- Management and Avoidance”.
- 6/03 Michigan Keratorefractive Surgery Society (MKS), Birmingham MI-
Balian Memorial Lecturer: “Lens surgery for the correction of refractive errors”
- 9/03 Kentucky Medical Association (KMA) Annual Meeting, Louisville, KY-
Keynote Speaker: “Lens surgery for the correction of refractive errors”, “Lasik complications: Management and Avoidance”.
- 10/14 AAO, Chicago IL:
 - **Keynote Lecture**, ISRS pre-AAO “Refractive Surgery 2014”:
 “Mitomycin-C: Uses and Abuses in Corneal Refractive Surgery”

Presentations at Local and National Meetings **WITHOUT** Published Abstracts
(For those presentations with retrievable “Published Abstracts” see Sect.#5, below)

- 2/82: Aspen Corneal Society, Snowmass, CO: “Lymphocyte-induced corneal neovascularization”.
- 8/92 Bausch & Lomb, Inc. 19th Annual North American Research Symposium on Contact Lenses; Orlando, FL. “Corneal neovascularization: Pathogenesis and treatment”.
- 4/93: Course Director, Sjogren’s Syndrome Foundation patient symposium, Rubloff Center, Northwestern University, Chicago.
- 2/94 Long Island College Hospital, Brooklyn, NY. Phacoemulsification course: “An introduction for beginners and an update for the experienced phaco surgeon”- (Course Director).
- 11/92 International Society of Refractive Keratoplasty (ISRS), Dallas, TX. Lab Instructor, didactic session: “Radial and astigmatic keratotomy”.
- 5/94 EyeQuest Conference, Chicago, IL: “Recent advances in radial keratotomy”, “Co-management of the refractive surgery patient”.
- 10/94 Joint Commission on Allied Healthcare Professionals in Ophthalmology (JCAHPO), San Francisco, CA: “Corneal pathology”.
- 2/95 Broward County Ophthalmological Society, Fort Lauderdale, FL. “Immunologic diseases of the cornea”, “Ocular allergy”.
- 5/95 EyeQuest Conference, Chicago, IL: “Co-management of the refractive surgery patient”, “Radial keratotomy”, “Automated lamellar keratoplasty”, and “Excimer laser photorefractive keratectomy”.
- 7/95 ISRS Mid-Summer Symposium Skills Transfer Course- “Radial and astigmatic keratotomy workshop”- Lab Instructor.
- 9/95 Physician Insurers Association of America (PIAA) Underwriting Section Workshop, Santa Fe, NM: “Refractive surgery risk management issues”
- 10/95 Southeastern Allergy Association, Sea Island, GA.: “Immunologic diseases of the anterior segment of the eye”.
- 9/96 Des Moines Ophthalmological Society, Des Moines, IA: “Ocular Immunology”, “Moving Your Refractive Surgery Practice into High Gear”.
- 10/96 National Keratoconus Foundation, Chicago IL-Patient education seminar-(Course Director).
- 10/96 International Society of Refractive Surgery (ISRS): Didactic course and wet lab: “Surgical Correction of Astigmatism”- (Course Director)
- 11/96 Buffalo Eye Club, Buffalo, NY: “Ocular Immunology”, “Moving your refractive surgery practice into high gear.”
- 11/96 Nashville Academy of Ophthalmology, Vanderbilt University Faculty Club, Nashville, TN: “Ocular Immunology”
- 1/97 Grossnickle Eye Center, Warsaw, IN: Optometric C.E. seminar: “Ocular Immunology”.
- 3/97 Broward County Ophthalmological Association monthly meeting. “Ocular Allergy and Immunology”.

- 4/97 Porter Care Hospital Ophthalmology Section, Denver, CO. "Ocular Immunology".
- 4/97 Colorado Ophthalmological Society, Denver CO, Quarterly meeting: "Ocular allergy and immunology", "Non-allergic immunologic conditions of the cornea and external eye".
- 2/98 Colorado Ophthalmological Society Annual Meeting, Steamboat Springs, CO "Refractive Surgery"; "Ocular Immunology".
- 9/98 Phillips Eye Institute, Minneapolis, MN. LASIK training course lecturer and wet lab instructor.
- 11/98 ISRS: Karp KO, Epstein RJ: "Pigmentary dispersion following laser in-situ keratomileusis (LASIK)".
- 5/99 EyeQuest '99, Rosemont, IL, "Refractive Surgery: The State of the Art", "Taking Control of Your Refractive Practice: A guide to optometric co-management in refractive surgery".
- 10/99 ISRS World Refractive Surgery Symposium (WRSS), Orlando, FL. "Residents and Fellows Refractive Surgery Course"- Course director. "LASIK Complications: Prevention and Management".
-Raviv T, Epstein RJ, Dennis RF, Majmudar PA.: "Transient pseudo-refractive errors following LASIK in eyes with pre-existing epithelial basement membrane dystrophy".
- 5/00 Charlotte Ophthalmological Society, Charlotte, NC: "Ocular Allergies".
- 4/01 ASCRS (Sunrise Technologies Booth): "Laser thermal keratoplasty: An ophthalmologist's personal perspective".
- 11/01 AAO, New Orleans, LA.
-Refractive Surgery Interest Group (RSIG) meeting: "Hansatome Pearls".
-ISRS pre- AAO meeting, "Personal Experience of LTK".
-Sunrise Technologies Booth: "Update on personal LTK experience".
-JCAHPO meeting: "Laser Thermokeratoplasty".
-Novartis Ophthalmics Booth: "Voltaren Use in Cataract Surgery".
-Bausch & Lomb Booth: "Hansatome Pearls".
- 5/02 ASCRS, Philadelphia, PA:
-CIBA Vision Ophthalmics booth: "Use of the Memory Lens for the corneal triple procedure."
-Bausch & Lomb booth. "Post- LASIK halos and glare with the VISX Star S3 with VSS and the Bausch & Lomb Technolas 217A lasers".
- 10/02 ISRS Annual meeting, Orlando, FL: "Update on the use of anti-metabolites in refractive surgery", "Corneal suturing for the management of flap striae".
- 10/02 RSIG pre-AAO meeting: "Hansatome Pearls", LASIK Complications panel
- 4/03 Allergan Speaker's Bureau. Skokie, IL. "Recent advances in the treatment of Dry Eye Disease"
- 5/03 ASCRS/MUSC-co-sponsored meeting, Kiawah Island, SC: "Design Review of Zyoptix System for LASIK Personalized Vision Correction".
- 6/03 Michigan Keratorefractive Surgery Society (MKS), Birmingham MI
- "Design Review of Zyoptix System for LASIK Personalized Vision Correction"
- 9/03 Kentucky Medical Association Annual Meeting, Louisville, KY: Ophthalmology Section meeting: "Design Review of the Zyoptix System for LASIK Personalized Vision Correction".

- 10/04 Cornea Society pre-AAO annual meeting: Seldomridge DL, Klein SR, Majmudar PA, and Epstein, RJ: "Comparison of different time applications with Mitomycin-C for corneal haze prophylaxis in photorefractive keratectomy".
- 2/05 Montana Academy of Ophthalmology: "LASIK Complications, Refractive Lens Surgery, Immunologic Diseases of the Cornea, What Every Ophthalmologist Needs to Know about Wavefront Analysis".
- 3/05 Course Director: "Recent advances in anterior segment surgery, Illinois Masonic Medical Center. Lecture: "Lens surgery for the correction of refractive errors".
- 5/05 Midwest Vision Congress & Expo: Course Co-Director, Course #1421: "Advances in Refractive Surgery":
- 5/05 Panel discussant, **First Combined Meeting** of the Chicago Ophthalmological Society and Illinois Association of Ophthalmology.
- 10/05 ISRS/AAO Pre-AAO Meeting: Goldsberry, DH, Epstein RJ, Majmudar PA, Dennis RF, Holley G, Edelhauser, HF, and Epstein RH: "Prophylactic Mitomycin-C for the prevention of corneal haze following photorefractive keratectomy: Endothelial studies".
- 2/06 Panel Discussant, Combined Meeting of the Chicago Ophthalmological Society/Illinois Association of Ophthalmology
- 1/07 Colorado Society of Eye Physicians and Surgeons Annual Meeting, Vail CO: "Corneal ectasia", "The use of mitomycin-C in refractive Surgery", "Lens Surgery for the Correction of Refractive Errors", "Modern Anti-Inflammatory and Anti-Microbial Therapy".
- 2/07 Moderator, Cornea-Refractive Surgery Session, Annual Meeting of the Chicago Ophthalmological Society/Illinois Association of Ophthalmology, Rosemont, IL
- 10/10: American Society of Ophthalmic Registered Nurses (ASORN) Annual Meeting, Chicago IL. "Risk Management in Cornea, Refractive, and Cataract Surgery".
- 9/20/11: Society of Medical Assistants in Chicago (SOMAC): "Corneal crosslinking"
- 11/11 National Keratoconus Foundation national patient meeting, Chicago: "Corneal crosslinking for keratoconus"
- 11/02/11-Loyola University Medical Center, Chicago, Guest lecturer: "Corneal ectasia"
- 9/29/12 Illinois Association of Optometry (IOA) Annual Meeting, Springfield IL: "Diagnosis and Treatment of Corneal Ectasia with Corneal Collagen Crosslinking"
- 10/13/12 Chicago Curriculum in Ophthalmology: "Corneal Degenerations", "Diagnosis and Treatment of Corneal Ectasia".
- 9/20/13 Univ. of Illinois Eye and Ear Infirmary Cornea Symposium: "Intra-Operative Wavefront Aberrometry with the ORA".
- 10/25/16 Milwaukee Ophthalmological Society: "Intraocular lens implant selection with abnormal corneas"
- 3/12/17 Spectrum Eye Institute, Lemont IL: "How to be Fabulously Successful with Premium IOL, Femtosecond Laser, and Post-Refractive Cataract Surgery Patients"
- 3/8/19 "Corneal crosslinking and its complications": Chicago Ophthalmological Society Annual Meeting (Technicians Course)
- 4/19 "Complications of Corneal Crosslinking": Cornea 360 meeting, Scottsdale AZ

INTERNATIONAL MEETING PRESENTATIONS without published abstracts

- 12/84 Barraquer Clinic; Bogota, COLOMBIA: “Corneal Immunology”.
- 12/84 Eye Foundation of Santander Corneal Basic Science Course; Bucaramanga, COLOMBIA: “Basic Immunology, Systemic and Corneal Immunologic Diseases, Corneal Neovascularization”.
- 9/86 International Symposium on Ocular Circulation and Neovascularization; Jerusalem, ISRAEL: “Immunologically mediated corneal neovascularization in inbred mice”.
- 11/88 International Congress on Applications of Laser and Electro-optics (ICALEO); Sunnyvale, CA. “PDT for corneal neovascularization”.
- 4/89 International Symposium on Acanthamoeba and the Eye; Houston, TX. Driebe WT Jr, Stern GA, Epstein RJ, Visvesvara GS: “Acanthamoeba keratitis: Potential role for topical clotrimazole in combination chemotherapy”.
- 6/94 Cornea Federated Societies Meeting; Toronto, CANADA; Van Meter WS, Epstein RJ, Wood TO: “Corneal astigmatism following removal of adjusted continuous 10-0 nylon suture in penetrating keratoplasty”.
- 4/05 World Cornea Congress V, Washington DC:
-Klein SR, Epstein RJ, Randleman JB, and Stulting, RD: “Corneal ectasia following LASIK in patients without apparent risk factors”.
-Sheppard JD, Williams P, Lattanzo F, Epstein RJ: “Safety and efficacy of topical dihematoporphyrin ester photodynamic therapy for corneal neovascularization in 1-day and 5-day regimens.”
- 2/10 5th Int’l Conf. on Ocular Infections (ICOI2010), Palm Beach FL: Davis, M, Epstein, et. Al: “Acanthamoeba endophthalmitis following penetrating keratoplasty for Acanthamoeba keratitis”
- 9/12 ESCRS, Milan Italy: Rubinfeld, R Trattler, W, Majmudar PA, Epstein RJ, Nykaza JC: “Retrospective evaluation of Quality of Life (QOL) in patients that received Corneal Collagen Crosslinking (CX)”
- 9/12 Eucornea Pre-ESCRS meeting: Buznego C, Rubinfeld, R Trattler, W, Majmudar PA, Epstein RJ, Nykaza JC, Perz G: Evaluation of Quality of Life (QOL) in patients that received corneal collagen cross-linking (CXL) (poster).
- 10/13 ESCRS, Amsterdam: Roy Rubinfeld, MD, William Trattler, MD, Rosane Correa, MD, Gabriela Perez BS, Randy Epstein, MD, Gregg Berdy, MD, Ranjan Malahotra, MD: “Evaluation of Epi-On Corneal Collagen Cross-Linking (CXL) at 6 months and 1 year Follow Up in Patients Diagnosed with Keratoconus”

6) MEMBERSHIPS IN PROFESSIONAL SOCIETIES and Board Certification

American Academy of Ophthalmology (AAO)- Life Member

International Society of Refractive Surgery/AAO: “ISRS/AAO”
 American Board of Ophthalmology: Board Certified (Diplomate) 7/86
 American Medical Association (AMA)
 American Society of Cataract and Refractive Surgery (ASCRS)
 Chicago Cornea Association
 Chicago Medical Society (CMS)
 Cornea Society
 Illinois Eye Bank (Advisory Board, 1998-2008)
 Board of Directors, 2010-17
 Vice-Chair, Executive Committee 9/10-7/17
 Illinois State Medical Society (ISMS)
 Illinois Association of Ophthalmology (IAO)/Illinois Society of Eye Physicians and Surgeons (ISEPS)
 Illinois Society for the Prevention of Blindness (ISPB)
 National Keratoconus Foundation
 Research to Prevent Blindness

7) GRANT SUPPORT (as Principal Investigator)

Fellowship:

NIH Individual National Research Service Award (NRSA): “Immunologic aspects of corneal neovascularization”

7/84–6/85: EYO5765-01 (\$20,892)

7/85–6/86: EYO5665-02 (\$29,004)

7/84-6/85: Heed Ophthalmic Foundation Fellowship (\$9,600)

7/85-6/86: Heed Foundation/Knapp Fellowship (\$12,000)
 (Second year of advanced fellowship funding)

12/85-12/86: National Children’s Eye Care Foundation Grant. “The correction of neonatal aphakia with contact lenses: Corneal Studies.” (\$5,000)

Rush Faculty

7/86-6/87 Departmental Grant, “Immunologically mediated corneal neovascularization in inbred mice”: (\$25,000)

7/86-6/89: Knights Templar Foundation Grant, “The pathogenesis and treatment of corneal neovascularization”: (\$20,000)

10/87-10/88: National Children’s Eye Care Foundation Grant. “Immunologically mediated corneal neovascularization: Pathogenesis and Treatment”: (\$2,500)

- 8/88-8/89: Illinois Society for the Prevention of Blindness Grant. “Immunologically mediated corneal neovascularization: Pathogenesis and inhibition”: (\$5,000)
- 6/91-6/09 Illinois Society for the Prevention of Blindness Grant. “Photodynamic therapy for corneal neovascularization”: (\$5,000)
- 6/00-6/10 Unrestricted grant from an Estate controlled by one of my patients, to Dept. of Ophthalmology, for research, obtained by me and Dr. Thomas Deutsch: (\$400,000)
- 6/05-6/07 Co-Investigator: ASCRS Grant to Gaston Lacayo, MD: “Mitomycin-C for the prevention of corneal haze following refractive surgery Ophthalmics, Inc. (\$600
- 12/18- Unrestricted grant from David Husman to the Dept. of Ophthalmology, Rush: \$650,000

CLINICAL TRIALS: Principal or Co-investigator

- 1) Alcon C-11-042: “Visual characteristics of patients with AMD and cataract (10/12). Sponsor: Alcon
- 2) Alcon C-11-020: “Post-approval study of the toric T-6-T9 IOL”, (5/13-8/14)- Salus IRB. Sponsor: Alcon
- 3) CXL-005, Revision 04.3: “Collagen Cross-linking with ultraviolet-A in asymmetric corneas”. Sponsor: CXL-USA, LLC (Contact: Roy S. Rubinfeld, MD, Rockville, MD, P.I.: Gregg Berdy, MD, St. Louis, MO), Clinical Trials Registration #: NCT03029104. (Rx 11/17- 6/19.
- 4) PXL-330 (Integreview IRB Study): “Safety and Efficacy of the Peschke PXL-Platinum 330 System for collagen cross-linking in eyes with corneal ectasia”. Sponsor: Chicago Cornea Consultants, Ltd. (Rx 7/19-10/19)
- 5) CXL USA and Syneos Health:
CXL-006: A Multicenter, Randomized, Double-Masked Sham-Controlled, Parallel-Group Phase 3 Study to Evaluate Efficacy and Safety of Epithelium-On Corneal Cross-Linking in Patients Aged 8 – 45 with Keratoconus

8) TEACHING ACTIVITIES: (Rush University Courses)

- 2/92 Course Co-Director, 1st Annual Rush University Ophthalmology Clinical Review Course Co-Director and lecturer: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 2/93 Course Co-Director, 2nd Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Corneal Anomalies, Corneal Dystrophies, Corneal Degenerations”.
- 2/94 Course Co-Director, 3th Annual Rush University Ophthalmology Clinical Review Course C-Director and lecturer: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.

- 2/95 Course Co-Director, 4th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Corneal Anomalies, Corneal Dystrophies, Corneal Degenerations”.
- 2/96 Course Co-Director, 5th Annual Rush University Ophthalmology Clinical Review Course C-Director and lecturer: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 2/97 Course Co-Director, 6th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Corneal Anomalies, Corneal Dystrophies, Corneal Degenerations”.
- 2/98 Course Co-Director, 7th Annual Rush University Ophthalmology Clinical Review Course C-Director and lecturer: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 6/98 RPSLMC, Chicago IL, “Ophthalmic Challenges in the New Millennium”- “Making the LASIK transition”, “Management of astigmatism with cataract surgery.”
- 10/98 Contact Lens Association of Ophthalmologists (CLAO) Regional residents’ contact lens symposium, Chicago, IL- Course Director and lecturer.
- 2/99 Course Co-Director, 8th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Corneal Anomalies, Corneal Dystrophies, Corneal Degenerations”.
- 2/00 Course Co-Director, 9th Annual Rush University Ophthalmology Clinical Review Course C-Director and lecturer: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 11/00 First Annual RPSLMC Dept. of Ophthalmology Glaucoma and Refractive Surgery symposium: “Surgical treatments for hyperopia”.
- 2/01 Course Co-Director, 10th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Corneal Anomalies, Corneal Dystrophies, Corneal Degenerations”.
- 12/01 Second Annual RPSLMC Dept. of Ophthalmology Glaucoma and Refractive Surgery symposium: “Surgical treatments for hyperopia”.
- 2/02 Course Co-Director, 11th Annual Rush University Ophthalmology Clinical Review Course C-Director and lecturer: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 12/02 Third Annual RPSLMC Dept. of Ophthalmology Glaucoma and Refractive Surgery symposium: “Update on surgical treatments for hyperopia”.
- 2/03 Course Co-Director, 12th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Corneal Anomalies, Corneal Dystrophies, Corneal Degenerations”.
- 6/03 “Microkeratome Certification and Wavefront Diagnostics Course”:
- 2/04 Course Co-Director, 13th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 6/04 “Microkeratome Certification and Wavefront Diagnostics Course”: Course Director and Lecturer
- 2/05 Course Co-Director, 14th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Congenital Anomalies, Dystrophies, Degenerations”.
- 5/05 Course Director, Third Annual Spring Refractive Surgery Update and Microkeratome Certification Course, Chicago.

- 2/06 Course Co-Director, 15th Annual Rush University Ophthalmology Clinical Review Course. Lectures: “Immunologic Diseases of the Cornea and External Eye, Systemic Immunologic Diseases and the Cornea”.
- 2/06 “Lens surgery for the correction of refractive errors”
- 6/07 “Pellucid Marginal Degeneration”- Presented at Rush’s 3rd Annual Resident and Alumni Day Research Symposium, 6/23/07
- 6/09 “Corneal drawings and topography”
- 9/09 “The Detection of *Forme Fruste* Pellucid Degeneration and Keratoconus prior to refractive surgery”
- 9/10 “Premium IOL’s for cataract surgery”
- 9/11 “Corneal topography and tomography interpretation for the cataract surgeon: Implications for premium IOL’s.
- 9/12 “Congenital Corneal Opacities”
- 10/12 “Corneal Dystrophies”
- 3/13 “Corneal Degenerations”
- 6/13 “Corneal drawings and topography”
- 6/14 “Corneal drawings and topography”
- 6/14 Resident/Alumni Day: Tannan, A, Rubenstein JB, Epstein RJ: “Surgical outcomes in patients with prior refractive surgery who underwent cataract extraction using intra-operative wavefront aberrometry”
- 11/14 “Mitomycin-C: Uses and Abuses”
- 11/15 “Corneal Ectasia: Prevention and Treatment”
- 6/16: “Corneal drawings, topography, and imaging techniques”
- 1/17: “Corneal dystrophies”
- 4/17: “Corneal degenerations”
- 4/17 “Corneal ectasia”
- 9/18 “Congenital corneal opacities”
- 1/19 “Corneal dystrophies Part I”
- 6/19 Resident and Alumni Day: “CXL-USA clinical trial of Epithelium-ON Corneal Collagen Cross-Linking (CXL)”
- 9/19 “Congenital corneal anomalies”
- 11/19 “Corneal degenerations and pigmentations”
- 6/20 “Corneal drawings, topography, and imaging techniques”
- 9/20 “Corneal Degenerations and Pigmentations”
- 5/21 “Corneal drawings, topography, and imaging techniques”
- 8/21 “Congenital Corneal Anomalies”
- 9/21 “Corneal Dystrophies Part I”
- 11/21 “Corneal Dystrophies Part II”
- 1/22 “Corneal Degenerations and Pigmentations”
- 4/22 “Corneal Ectasia”
- 5/22 “Corneal drawings, topography, and imaging techniques”
- 11/22 “Corneal Dystrophies Part I”
- 1/23 “Corneal Dystrophies Part II”
- 3/23 “Corneal Dystrophies Part III”
- 5/23 “Corneal drawings, topography, and imaging techniques”

9) CERTIFICATION AND LICENSURE

National Board of Medical Examiners: Diplomate, 1981
Medical Licensure: Illinois (1981-), Georgia (1984-87), Wisconsin (2006-)
Basic Cardiac Life Support: Certified
Advanced Cardiac Life Support: Certified
American Board of Ophthalmology: Diplomate, 6/7/86
Zeiss ReLEx SMILE training course, 11/9/17

Continuing Medical Education/Surgical Training/Certification Courses:

2/00: INTACS Certification Course: Shiley Institute, UCSD
2/01 Bausch & Lomb Technolas laser certification (in house)
Preceptor: David Schanzlin, MD
3/7/03: Staar ICL Certification Course: Santo Domingo, D.R.
Preceptor: Juan Battle, MD
3/20/04: Eyeonics Crystalens Certification Course, Ft. Lauderdale FL
Preceptors: Steven Dell, MD, John Doane, MD
4/29/04 : Intralase Certification Course: GordonBinder Vision Institute, La Jolla CA
Preceptors: Perry Binder, MD, Michael Gordon, MD
7/17/04: Conductive Keratoplasty (CK) Certification Course: San Francisco, CA
Preceptors, Marguerite B. McDonald, MD, Glenn H. Strauss, MD
10/08 Alcon Allegretto Wave 1008-1-009 Laser Certification, Rush
12/21/11: Alcon LensX laser cataract surgery didactic course (online)
11/12: AMO Intralase Proctor certification
2/1/13 Rush Advanced Philanthropy Workshop for Medical Professionals
7/27/13: DMEK training course, Drs. Mark Terry and Ken Goins: Loyola
9/24/13 DMEK training course- Dr. Francis Price, Indianapolis IN
11/13 Alcon Allegretto Wave Eye-Q Excimer laser certification- Rush
8/16 DMEK and DALK live surgery and wet-lab course, Dr. Mark Terry,
Devers Eye Institute and Lions VisionShare, Portland, OR
10/16 DALK Skills Transfer Course: Daya, et al, AAO, Chicago
10/16 DALK Course: Sarnicola, et. al., AAO, Chicago
6/22 SMILE Course: London, Dr. Daniel Reinstein and staff

10) HONORS AND AWARDS

Undergraduate:
James Scholar, Dean's List

Medical School
6/79: Dean's Student Summer Research Fellowship (\$600)

Residency:
5/81: Merck, Sharp & Dohme-Association for Research in Vision and
Ophthalmology (ARVO) Travel Fellowship (\$400)

1/86: Award for best poster, annual meeting, Contact Lens Association of Ophthalmologists, Las Vegas, NV (\$500)

Faculty:

10/86: Beam-Fisher Award (best lecture by local speaker)- Chicago Ophthalmological Society

10/94: Honor Award – American Academy of Ophthalmology (AAO)

5/04: Senior Achievement Award – AAO

5/11: “PS250”: A group of surgeons identified as the 250 top innovators in premium IOL implant surgery, published once each year in the print edition of *Premier Surgeon*. <http://www.premiersurgeon.com/index.php/ps250>

6/11: Illinois Eye Bank 2011 “Gift of Sight Honoree”

9/16: Life member, American Academy of Ophthalmology

10/22: Benjamin Rush Society recognition award (Rush Medical College Alumni Association)

Listings: Marquis Who’s Who in America 2009 □
Strathmore’s Who’s Who
Chicago’s Top Doctors- Chicago Magazine: 2003 □
America’s Top Physicians: Consumers Research Council of America
Chicago Consumers Checkbook: Area’s Top Doctors: 2015
Castle Connolly, Ltd/U.S. News and World Report: “Best Doctors in America”, 2000 □

11) SCIENTIFIC REVIEWER FOR:

CLAO Journal
Archives of Ophthalmology
American Academy of Ophthalmology publications
American Journal of Ophthalmology
British Journal of Ophthalmology
Ophthalmology
Cornea
Investigative Ophthalmology and Visual Science
Eye
Journal of Cataract and Refractive Surgery
Journal of Refractive Surgery
Proceedings of the Society for Experimental Biology and Medicine.

11a) CONSULTING POSITIONS

National Medical Advisory Board, Laser Vision Centers, Inc.:1998-2002)
Consultant, Storz Ophthalmics: 1995-98
Consultant, Bausch & Lomb Surgical, 2001-2007, 2012-14
Consultant, Alimera Sciences, Inc.- 12/2003-2008

Consultant, Tear Science, Inc.: 2013-15
Ad Hoc Consultant, Alcon Labs, Inc., 2012□
Consultant, Shire, 2016-18

JOURNAL EDITORIAL BOARDS

Review of Refractive Surgery: 4/03-11/05
Cornea: 4/04-

12) Committee and/or Administrative positions

American Academy of Ophthalmology
BCSC Section 8 Committee Member (1993- 1996)
American College of Surgeons
Membership Committee, Chicago Chapter (1992-99)
Chicago Ophthalmological Society:
Eye Bank Committee (1986-1995)
Council Member (1993-1995)
Annual Meeting Program Director: May, 1995
Illinois Association of Ophthalmology
Board of Directors (1989-1994)
International Society of Refractive Surgery (ISRS)-
CME Accreditation Committee (1995-1996)
Chair, Residents and Fellows Committee (1996-00)
Illinois State Medical Society Insurance Services (ISMSIS)
Ophthalmology Risk-Management Sub-committee chair (2001-02), (2004-05)
Chicago Cornea Association: Founding member 1999-
Cornea Society: Ad hoc committee member to review Cornea/External Disease section of
American Academy of Ophthalmology Online “COMPASS program for preparation for
the DOCK re-certification exam”, 1/10.

RUSH MEDICAL COLLEGE COMMITTEE ACTIVITIES

Medical School

Committee on Educational Resources (COER)
Faculty Council (1978-80)

Residency

Faculty Council, 1982-84
Internal institutional review, Dept. of Immunology, prior to JCAHO site visit, 1983
Dept. of Ophthalmology resident representative on Ophthalmology Chair Search
Committee, 1983

Faculty

Institutional Animal Care and Use Committee (IACUC) 1987-89
Attending staff representative, Ophthalmology Chair Search Committee, 2000
Philanthropy:
Rush Medical College Alumni Association (Executive Board Member, 2013□)

Rush Ball Committee: 2011-16
Rush Heritage Society
Philanthropy's Physician-Faculty Advisory Committee: 11/12□
Retired Physicians Sub-Committee
Benjamin Rush Society, Rush Medical College (Chair, 10/13-6/21)
Committee on Committees: 7/14-7/17

COMMUNITY ORGANIZATIONS AND CHARITABLE ACTIVITIES

Highland Park-Highwood Lion's Club
Lecture, 8/30/07: "Refractive Lens Surgery"
Illinois Eye Foundation
Illinois Eye-Bank
Advisory Council Member: 1994-2007
Golf Tournament Committee
Board of Directors: 9/10-8/21
Vice-Chair: 6/11-8/21
EyeCare America Volunteer- American Academy of Ophthalmology
Professional Advisory Council Member, The Chicago Lighthouse, 12/06-12/10

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2. Miller MT, Epstein RJ, Sugar J, et. al.: "Anterior segment anomalies associated with the fetal alcohol syndrome". J Ped Ophthalmol and Strabismus 21:8, 1984.
3. Epstein RJ, Wilson LA, Visvesvara GS, Plourde E: "Rapid diagnosis of Acanthamoeba keratitis from corneal scrapings using indirect fluorescent antibody staining". Arch Ophthalmol 104:1318, 1986.

4. Epstein RK, Halkias A, Stulting RD, and Rodrigues MM: "Corneal opacities and anterior segment anomalies in DBA/2 mice: Models for corneal elastosis and the iridocorneal endothelial (ICE) syndrome". *Cornea* 5:95, 1986.
5. Epstein RJ, Fernandes A, Stulting RD, Tigges M, Wright JD, and Gammon JA: "The correction of aphakia in neonatal monkeys with extended-wear contact lenses: Corneal studies". *Ophthalmology* 93: 1495, 1986.
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8. Epstein RJ, Seedor JA, Dreizen NG et al.: "Penetrating keratoplasty for herpes simplex keratitis and keratoconus. Allograft rejection and survival". *Ophthalmology* 94: 935, 1987.
9. Epstein RJ, Stulting RD, Hendricks RL, Harris DM: "Corneal neovascularization: Pathogenesis and inhibition". *Cornea* 6:250-257, 1987.
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11. Epstein RJ, Fernandes A, Gammon JA: "The correction of aphakia in infants with hydrogel extended-wear contact lenses: Corneal studies." *Ophthalmol* 95: 1102-1106, 1988.
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2) INVITED ARTICLES, BOOK CHAPTERS

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2. Epstein RJ and Waring GO, III: Aging and the cornea. Part 2. Conditions that may lead to visual impairment *Geriatric Ophthalmol* 1:17-23, 1985.
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22. Candal EM and Epstein RJ: "IOL selection issues after RK". Cat Ref Surg Today 3: 34-38, 2003.

23. Muller LT, Packo KH, Spanggord HM, Epstein RJ: "Band keratopathy within a LASIK flap". *Cataract & Refract Surg Today* 3:32-34, 2003.
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25. Klein SR, Epstein RJ, Mamalis, N, Werner L: "Late Opacification of the Memory Lens". *Review of Refractive Surgery* 5:17-18, 2004.
26. Klein, Shawn R MD; Epstein, Randy J MD; Majmudar, Parag A MD; Muller, Laura T MD: Management of Complicated or Buttonhole LASIK Flaps with Transepithelial Phototherapeutic Keratectomy/ Photorefractive Keratectomy with Adjunctive Mitomycin C. *Tech. in Ophthalmology*. 2(3):110-113, Sept., 2004.
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49. 'Easy as 123- Protect your eyes from UV rays'. In 'Discover Rush', Summer 2012 (Rush Univ. Medical Center Periodical)
50. Epstein RJ, Hardten DR, Hovanesian JA, Liang K, Shultz MC : 'Controlling Perioperative Inflammation', Cat & Refr Surg Today 12 :14, 2012

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54. Lipner, Maxine : ‘Ocular Allergy Treatments’. *EyeWorld*, Feb. 2014, pp. 14-17
55. Moshirfar, M., ed : ‘Anterior chamber surgical problem’ : RJ Epstein, *JCRS* 40 : 683-687, 2014
56. Moshirfar M., ed. : ‘Corneal surgical problem’ : RJ Epstein, *JCRS* 40 :1747-1756, 2014
57. Charters, Lynda : ‘Mitomycin C : Prophylactic, therapeutic, creative benefits’. *Ophthalmology Times* 2/15/15, p. 30.
58. Cover Focus, ‘Meet the Epstein Family’ : *CATARACT & REFRACTIVE SURGERY TODAY EUROPE* | OCTOBER 2016.
59. Cover Focus, ‘Family Tree : The Epsteins’ : *CATARACT & REFRACTIVE SURGERY TODAY* Feb., 2017, pp. 41-42
60. Roach, Linda : ‘HORV and Cataract Surgery, Part 2 : Considering Alternatives to Vancomycin’, *EyeNet*, March 2017, pp. 27-29
61. ‘All in the family : The Epstein’s pursuit to provide the gift of sight’. *Vision*, Fall 2017. (Publication of Eversight Illinois Eye Bank)

B. Book Chapters

1. Epstein RJ and Stulting RD: “Immunologically mediated corneal neovascularization in inbred mice”. In: *Ocular Circulation and Neovascularization*. BenEzra D, Ryan SJ,

Glaser BM, and Murphy RP. Eds, Martinus Nijhoff/Dr W. Junk Publ., Dordrecht, Netherlands, 1987, pp. 341-348.

2. Stulting RD, Abghari SZ, Epstein RJ, Nahmias AJ: "Host control of Herpes simplex virus Type-I (HSV) ocular disease in a genetically defined animal model. In: *The Cornea. Trans. of the World Congress on the Cornea III*. Cavanagh HD, ed. Raven Press, Ltd., New York, NY, 1988, pp. 405-411.
3. Epstein RJ: Dendritic keratitis. "Will wiping it off wipe it out?" In: *Ophthalmic Clinical Debates*. Deutsch TA, ed. Year Book Medical Publishers, Inc., Chicago, IL, 1989, pp . 88-93.
4. Basic and Clinical Science Course (BCSC), Section 8, "*External Disease and Cornea*" (with co-authors: Schwab I, Harris, DJ, Pflugfelder, SC, Wilhelmus KR, Perry P), AAO, 1992 edition
5. Majmudar PA, Epstein RJ, "Antimetabolites in Ocular Surface Neoplasia" Schwab, I-ed. *Current Opinion in Ophthalmology* 9:IV: 35-39, 1998.
6. Raviv T, Epstein RJ. "Astigmatism Management". *Int. Ophthalmol. Clin.*, (Refractive Surgery) 40:3: 183-198, 2000.
7. Muller LT, Rao SN, Candal EM, Epstein, RJ. "Corneal Ectasia following LASIK Surgery". In Probst, LE: *LASIK: Advances, Controversies, and Custom*, 2004 (Chapter 17). Charles Slack, Inc., Thorofare, NJ 08086.
8. Letko E, Majmudar PA, Forstot SL, Epstein RJ, Rubinfeld RS: "UVA-light and Riboflavin-mediated Corneal collagen cross-linking". In Trattler, W, Awdeh RM, Goldman DA: "*Cornea/Refractive*", Spring 2011 (pp 63-76) *Int. Ophthalmol. Clinics* V. 51, #2, 2011. Wolters Kluwer/Lippincott Williams & Wilkins, Philadelphia PA

3) BOOKS EDITED

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2. Gans L, Belin M, Epstein RJ, Wand M: "Surgical Treatment of Astigmatism". AAO Focal Points Monograph 14: 12, 1996.

4) OTHER PUBLICATIONS

LETTERS TO THE EDITOR

1. Epstein RJ, Luskin AT, Rana A: "The polyglandular syndrome". *Ann Int Med* 92:711, 1980.
2. Epstein RJ, Mets MB, Wong PWK, Mizen T: "Uveal colobomas and Klinefelter's syndrome". *Am J Ophthalmol* 98:241-243, 1984.
3. Epstein RJ, Vastine DW, Fried WI: "Refining the technique for removing the Stableflex lens." *Ophthalmic Surg* 20:599, 1989.
4. Epstein RJ: "Viscoelastic agents". *Ophthalmic Surg* 22:240, 1991.
5. Epstein RJ: "Use of the disposable contact lens as a bandage contact lens". *Arch Ophthalmol* 109: 1341, 1991.
6. Epstein RJ: "Treatment of rheumatoid corneal ulcers". *Ophthalmology* 99:842, 1992.
7. Epstein RJ: "Transverse astigmatic keratotomy". *Refract Corneal Surg* 8: 487, 1992.
8. Epstein RJ: "General anesthesia and AISH". *J Cataract Refract Surg* 19: 814, 1993.
9. Epstein RJ, Robin JB: "Corneal graft rejection episode after excimer laser phototherapeutic keratectomy". *Arch Ophthalmol*, 112:157, 1994.
10. Epstein RJ: "Band keratopathy secondary to Herpes simplex or topical corticosteroid?" *Arch Ophthalmol*, 112: 578, 1994.
11. Epstein RJ: "Refractive surgery goes mainstream: Establishing radial keratotomy services at a suburban community hospital". *J Refract Corneal Surg*, 10: 378, 1994.
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14. Epstein RJ, Brown SVL, Dennis R, Konowal-Allen A: "Accommodation of systemic acetazolamide and topical dorzolamide". *Ophthalmol.* 105: 9, 1998.
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16. Epstein RJ: "Cyclosporine and neovascularization". *Ophth.* 106: 3, 1999.
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19. Epstein RJ: "Extending the Standard Temporal Incision". *J Cat. Refract. Surg*, 26: 1697-98, 2000.
20. Epstein RJ: "Triple Anterior Stromal Ring Infiltrate Associated with Presumed HSV Keratitis". *Cornea* 20(8):904-906, 2001.
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23. Epstein RJ: "Effect of topical trifluridine on Thygeson's superficial punctate keratitis". *Ophthalmology* 2002.
24. Epstein RJ: "Control of Astigmatism in Cataract Surgery". *J Refr Surg* 19. 9/03
25. Epstein RJ, Brown SVL, Konowal A: "Endothelial changes associated with topical dorzolamide do appear to be significant". *Arch Ophthalmol* 122;1089, 2004.
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34. Epstein, RJ and Epstein RH: *Cataract and Refractive Surgery Today US Edition (CRST)*, Feb., 2017- Cover Focus: "Family Tree". "The Epsteins"- Vol. 17, pp. 41-46

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Book Reviews

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2. Epstein RJ, Majmudar P: “Excimer Lasers in Ophthalmology. Principles and Practice.” Miller N, McGhee C, Taylor H, Gartry D, Trokel S., Boston, MA. Am J Ophthalmol, 1997.

5) MEETING PRESENTATIONS with PUBLISHED ABSTRACTS (ARVO, ASCRS, CLAO, AAO, EBAA/Cornea Society, and OMIG)

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- 5/81 ARVO, Sarasota, FL. Epstein RJ and Hughes WF: “Histopathology of corneal neovascularization induced by Con-A stimulated lymphocytes”. Invest Ophthalmol Vis Sci 20:171, (Suppl..) 1981.
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- 5/85 ARVO, Sarasota, FL. Epstein RJ and Stulting RD: Lymphocyte-induced corneal neovascularization in inbred mice. Invest Ophthalmol Vis Sci 26:317, (Suppl..) 1985.
- 9/85: AAO, San Francisco, CA. Epstein RJ, Fernandes A, Stulting RD, Tigges M, Wright JD, and Gammon JA. “The correction of aphakia in neonatal monkeys with extended-wear contact lenses”. Ophthalmol 92:96, (Suppl..) 1985.
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- 5/87 ARVO, Sarasota, FL. Epstein RJ, Stulting RD, and Hendricks RL: Corneal neovascularization in A/J mice induced by Interleukin-2. Invest Ophthalmol Vis Sci 28:98, (Suppl.) 1987.
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- 11/87 Eye-Bank Association of America, Dallas, TX. Seedor JA, Walsh GE, Wells JA, McCarty BE, Stulting RD, Epstein RJ and Smith P: "Corneas from ventilator supported donors: Endothelial morphology and results of a survey". (Cornea Suppl. 1988)
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- 11/89 Castroviejo Society Meeting, New Orleans, LA. Kay MD, Epstein RJ, Torczynski E: Acute intraoperative suprachoroidal hemorrhage (AISH)

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- 10/90 American Academy of Ophthalmology (AAO) Annual Meeting, Atlanta, GA: Holland EJ, Alul EH, Epstein RJ, Meisler DM: Anterior stromal infiltrates in Acanthamoeba keratitis. (Ophthalmol AAO Suppl.)
- 10/90 AAO, Atlanta, GA. "Microsurgical keratoplasty: A practical course"- Lab Instructor, "Spherical correction of refractive errors", "Clinical keratoplasty technique"- Lab Instructor. (Ophthalmol AAO Suppl.)
- 10/91 AAO, Anaheim, CA: "Microsurgical keratoplasty: A practical course". Lab instructor. (Ophthalmol. AAO Suppl.)
- 10/91 Castroviejo Cornea Society; Anaheim, CA: "Photodynamic therapy for corneal neovascularization."
- 11/92 AAO, Dallas, TX. Instructor- Microsurgical keratoplasty: A practical course. Lab course instructor. (Ophthalmol AAO Suppl.)
- 5/91 ARVO, Sarasota, FL. Robin SB, Rubenstein JB, Kay MD, Epstein RJ: Haptic location of trans-sclerally fixated posterior chamber intraocular lenses in the cadaver eye. Invest Ophthalmol Vis Sci 32:796 (Suppl.) 1991.
- 5/91 ARVO, Sarasota, FL. Riley SF, Epstein RJ, Rubenstein JB, Dennis RJ: Use of the Terry keratometer to aid suture adjustment with the single running technique. Invest Ophthalmol Vis Sci 32:1236 (Suppl.), 1991.
- 5/91 ARVO, Sarasota, FL. Gordon J, Johnson PJ, and the Fibronectin Study Group; Discontinuation of topical ophthalmic medications promotes healing of non-healing corneal epithelial defects. Invest Ophthalmol Vis Sci 32:1071 (Suppl.) 1991.
- 10/91 American Academy of Optometry, Eiden SB, Bass SJ, Epstein RJ: "Unilateral circumscribed posterior keratoconus" Optom Vis Sci 68:190 (Suppl.) 1991.
- 3/92 ARVO: Sarasota, FL. Robin SB, Epstein In the right eye, Rubenstein JB, Eiden SB, Waring GO: Corneal intraepithelial neoplasia: Bilateral disease and its association with contact lens wear." Invest Ophthalmol Vis Sci 33:1292 (Suppl.), 1992.
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- 11/93 Castroviejo Society; Chicago, IL. Capsulorhexis and the triple procedure. Cornea Suppl., 13: 98-99, 1994
- 3/94 ARVO; Sarasota, FL. Raphtis EM, Epstein RJ, Torczynski E, Rubenstein JB: Immunohistochemistry for the non-invasive diagnosis of epithelial downgrowth following penetrating keratoplasty. Invest Ophthalmol Vis Sci 35:1875 (Suppl.), 1994.
- 3/94 ARVO; Sarasota, FL. Hennessey MJ, Epstein RJ: Photodynamic therapy for corneal neovascularization (CNV): Clinical trials. Invest Ophthalmol Vis Sci 35: 1350 (Suppl.), 1994.
- 10/94 AAO, San Francisco, CA. Van Meter WS, Epstein RJ, Wood TO: Corneal astigmatism following removal of adjusted continuous keratoplasty suture, (Suppl.), Ophthalmol 101:123, 1994

- 10/95 AAO, Atlanta GA. Epstein RJ, Konowal A, Dennis RF: Application of computerized videokeratometry in guiding suture removal in post-penetrating keratoplasty patients. (Ophthalmol AAO Suppl.)
- 10/95 AAO meeting, Atlanta, GA: "Radial keratotomy on trial: Witness for the defense-speed of visual recovery and stability in RK". (Ophthalmol AAO Suppl.)
- 5/96 Konowal A, Epstein RJ, Dennis RF, Brown SVL: "Irreversible corneal decompensation in patients treated with topical Dorzolamide." Invest Ophthalmol & Vis Sci (ARVO Suppl.) 37:3, 1996.
- 10/96 AAO, Chicago, IL., Brown SVL, Epstein, RJ, Stock EL, Rubenstein J. Scientific poster presentation: Results of combined Ahmed valve and penetrating keratoplasty surgery. (Ophthalmol AAO Suppl.)
- 10/96 AAO, Chicago, IL. Lecturer with hands-on wet-lab: Modern incisional refractive surgery. (Ophthalmol AAO Suppl.)
- 10/96 AAO, Chicago, IL: Lecturer: Central Islands with the Summit Apex excimer laser. (Ophthalmol AAO Suppl.)
- 10/96 OMIG meeting (AJO Abstract), Epstein RJ, Nguuyen, K: Thygeson's superficial punctate keratitis in children and its response to trifluorothymidine"
- 10/96 AAO; Chicago, IL. Mack RJS, Cutarelli P, Rubenstein JB, Mangan RB, Deutsch TA, Epstein RJ, Dune DS: Central islands with the Summit Apex excimer laser, Ophthalmology (Suppl.) 1996; 103:129
- 3/97 ASCRS, Boston, MA: "PRK Complications: Management and Prevention".
- 5/97 ARVO; Fort Lauderdale, FL. Hahn S, Moore CR, Gaynes BL, Epstein RJ: Hyperopic Automated Lamellar Keratoplasty (H-ALK): Refractive and Visual Outcome in 41 Eyes. Invest Ophthalmol Vis Sci Suppl. (B772), 1979
- 3/98 Castroviejo Cornea Society; Majmudar PA, Brenart R, Epstein RJ: Topical Mitomycin-C for subepithelial fibrosis following RK. Cornea 17:2, 1998.
- 10/98 Konowal A, Epstein RJ, Dennis RF, Brown SVL: Poster: "Irreversible corneal decompensation in patients treated with topical Dorzolamide." (AAO Ophthalmol. Suppl.)
- 11/98 Ocular Microbiology and Immunology Group (OMIG); New Orleans, LA. Karp KO, Epstein RJ. Delayed keratitis following laser in-situ keratomileusis. Cornea Suppl. 18:3. 1999
- 11/98 Castroviejo Society Meeting, New Orleans, LA: Karp K, Epstein RJ.: "Pigmentary dispersion following laser in-situ keratomileusis (LASIK)". Cornea 18: Suppl., 1999
- 10/99 AAO, Orlando FL. "Topical mitomycin-C treatment for corneal haze following refractive surgery". (Ophthalmol. AAO Suppl.)
- 10/99 AAO, Orlando FL. "Breakfast with the experts" moderator- "LASIK Complications: Management and Avoidance". (Ophthalmol. AAO Suppl.)
- 10/99 AAO, Orlando FL. Breakfast with the experts moderator-"LASIK techniques" (Ophthalmol. AAO Suppl.)
- 10/99 AAO, Orlando FL. "Astigmatism in the cataract patient"- Lab instructor (Ophthalmol. AAO Suppl.)
- 10/00 Raviv T, Rao S, Majmudar PA, Epstein RJ: "Visual outcomes of early flap slips after LASIK", Ophthalmol (AAO supplement.), 10/2000
- 10/00 AAO; Dallas, TX. Co-presenter, skills transfer program, lab: "Astigmatism in the Cataract Patient". (Ophthalmol AAO Suppl.)

- 10/00 AAO; Dallas, TX. Discussant: "The role of instrument sterilization and maintenance in DLK". (Ophthalmol AAO Suppl.)
- 11/01 AAO, New Orleans LA. Lab instructor: "Astigmatism in the cataract patient". (Ophthalmol AAO Suppl.)
- 11/01 AAO, New Orleans, LA. Refractive Surgery Interest Group (RSIG) meeting: "Hansatome Pearls".
- 5/02 ASCRS, Philadelphia, PA:
 -"The use of Mitomycin-C in refractive corneal surgery"-(course)
 -"Mitomycin-C for corneal haze-PRO argument"
- 10/02 AAO: "The use of Mitomycin-C after laser refractive surgery". Course instructor (AAO Ophth. Suppl.)
- 10/02 AAO, Orlando FL: "Astigmatism in the cataract patient". Lab instructor. (AAO Ophth. Suppl.)
- 10/02 AAO/Castroviejo Society Meeting, Orlando FL: "Mitomycin-C with PTK for Flap Complications"- Laura Muller, MD (Cornea suppl.)
- 4/03 ASCRS, San Francisco, CA.:
 "The expanding Role of Mitomycin-C in refractive corneal surgery".
 "Design Review of Zyoptix System for LASIK Personalized Vision Correction".
- 5/03 ARVO: Candal EM, Muller LT, Lane HA, Epstein RJ, Dennis RF, Majmudar PA: "Prophylactic Mitomycin-C for High-Risk PRK & LASEK. Invest Ophthal & Vis Sci 2003 (ARVO suppl.): 108.
- 11/03 AAO, Anaheim CA: ISRS/AAO pre-AAO meeting: "The role of antimetabolites in corneal refractive surgery".
- 11/03 AAO, Anaheim CA: B&L Booth: "The Zyoptix system for personalized vision correction"
- 11/03 AAO, Anaheim CA: Poster #P0247: Klein, SR, Epstein RJ et. Al: "Poor visual outcomes following corneal refractive surgery in patients with clinically unsuspected pellucid marginal degeneration".
- 11/03 AAO, Anaheim CA: Discussion of paper "Risk factors for corneal ectasia after LASIK" (by Randleman, et. al).
- 11/03 AAO, Anaheim CA: Lab instructor:"Astigmatism in the cataract patient" Course LAB250a.
- 11/03 AAO, Anaheim CA: Course co-instructor, "The use of mitomycin-C after laser refractive surgery". Course #566
- 4/04 ASCRS, San Diego CA, -Candal, EM, Epstein RJ et.al.: "Role of wavefront analysis in screening keratoconus suspects before refractive corneal surgery"
 -Klein, SR, Epstein, RJ et al: "Comparison of time applications of mitomycin-C for haze prophylaxis in PRK"
 -Trattler, W, Amoils SP, Epstein RJ, Krueger RR, Hardten D, Smolek M: "Pearls for avoiding ectasia after LASIK" (course)
 -Majmudar PA, Carones F, Epstein RJ, Vigo L, Lee D, Zolotaryov A: "Expanding role of mitomycin-C in refractive surgery" (course)
- 10/04 AAO, New Orleans LA:Lab instructor:"Astigmatism in the cataract patient" Course LAB248b
- 11/04 AAO, New Orleans, LA: Course co-instructor, "The use of mitomycin-C after laser refractive surgery". Course #183
- 10/04 AAO, New Orleans LA: Course Director, B&L Hansatome certification course

- 10/04 AAO, New Orleans LA: JJ Bausch Ophthalmology Innovators Symposia Series: "Zyoptix Symposium, featuring Zyoptix Dual Workstation and Advanced Diagnostics: Would you do this case? Zyoptix in my practice."
- 4/05 ASCRS, Washington, DC:
 -Trattler, W, Swanson MA, Hardten DR, Amoils P, Boxer Wachler B, Smolek, M, Epstein RJ: "Ectasia: Risk factors and treatment options" (course)
 -Majmudar PA, Epstein RJ, Netto M, Carones F, Lee DH, Vigo L, Zolotaryov A: "Update on the role of Mitomycin-C in Refractive Surgery" (course).
- 10/05 AAO, Chicago, IL: Course Co-instructor, "Astigmatism in the cataract patient", Course #LAB244a
- 10/05 AAO, Chicago, IL: Course Co-instructor, "The use of mitomycin C after laser refractive surgery", Course #462
- 3/06 ASCRS, San Francisco CA:
 -Course instructor: "Surface ablation for complicated Post-refractive Surgery and Postsurgical eyes (Course #18-403).
 -Panelist: "Cataract Section: Cataract challenges, AMD lenses, LAL, CTR"
- 11/06 ISRS/AAO, Las Vegas, NV: Invited presentation: "Treating buttonhole LASIK flaps".
- 11/06 AAO, Las Vegas, NV: Course Co-instructor, "Astigmatism in the cataract patient", Course #LAB349b
- 11/06 AAO, Las Vegas NV: Course Co-instructor, "The use of mitomycin C after laser refractive surgery", Course #574
- 11/07 AAO, New Orleans , LA: Course Co-instructor, "Astigmatism in the cataract patient", Course #116
- 11/07 AAO, New Orleans , LA: Co-Author, "Reduced application time for prophylactic Mitomycin-C in High-Risk Surface Ablation" (with Virasch VV, Majmudar PA, Dennis Rf, and Vaidya NS)
- 11/08 AAO, Atlanta GA: Course Co-instructor, "Astigmatism in the cataract patient", Course #230a
- 10/09 AAO, San Francisco CA: Course Co-instructor, "Astigmatism in the cataract patient"
- 10/10 AAO, Chicago. Course Co-instructor, "Astigmatism in the cataract patient"
- 3/11 ASCRS, San Diego: Course co-instructor, #29-104: "Advances in corneal collagen crosslinking for keratoconus, post-LASIK ectasia, and corneal infections
- 10/11 AAO, Orlando FL: Course Co-instructor, "Astigmatism in the cataract patient"
- 10/11 AAO, Orlando FL: Poster #363 Co-author: Rubinfeld RS, Trattler WB, Majmudar PA, Epstein RJ, Adi M, Wallace D, McCall TL, Martin NF, Letko E, Intili A, Perez G: "Multicenter evaluation of epithelial-on vs epithelial-off corneal collagen crosslinkng for keratoconus and pos-LASIK ectasia".
- 10/11 AAO, Orlando FL: Cornea Day pre-AAO invited presentation: "Corneal topography and tomography interpretation for the cataract surgeon: Implications for premium IOL's"
- 10/11 AAO, Orlando FL: Cornea Society presentation co-author: Rubinfeld R, Trattler W, Epstein R, Forstot L, Talamo J, Khell J, Perez G: "Multicenter comparative evaluation of epithelium-on cross-linking vs epithelium-off corneal collagen cross-linking (CXL)
- 4/12 ASCRS Chicago: "Anterior segment complications after glaucoma surgery (Cornea Society symposium)

- 5/10/12 ARVO, Ft. Lauderdale FL: Rubinfeld R, Trattler W, Perez, G, Kaiser C, Koreishi A, Majmudar P, Epstein RJ, Bafna S, Malahotra R- "Outcomes following epithelium-on crosslinking in patients who received the treatment on one or both eyes"- 6786/D950
- 11/12 AAO, Chicago IL: Co-instructor, "Astigmatism in the cataract patient"
- 4/13 ASCRS, San Francisco CA: Course instructor "Mastering transepithelial and epi-off corneal CXL for keratoconus and post-LASIK ectasia (course #1536796)
- 5/13 ARVO, Seattle WA: Tannan, A, Epstein, Jonathan Rubenstein; Vanee Virasch; Charles Faron, O.D: "Utility of intraoperative wavefront aberrometry in post-refractive cataract patients" (pres. #3004, poster #C0095).
- 5/13 ARVO, Seattle WA: Raciti, M, Epstein, RJ, et al:" Corneal Endothelial Cell Density Following Transepithelial Collagen Cross-Linking" (Abstract # 1564125)
- 10/13 ESCRS, Amsterdam: Roy Rubinfeld, MD, William Trattler, MD, Rosane Correa, MD, Gabriela Perez BS, Randy Epstein, MD, Gregg Berdy, MD, Ranjan Malahotra, MD: "Evaluation of Epi-On Corneal Collagen Cross-Linking (CXL) at 6 months and 1 year Follow Up in Patients Diagnosed with Keratoconus"
- 4/14 ASCRS, Boston MA: Course # 28-106: "Early Detection and Management of Keratoconus Including Collagen Crosslinking"
- 10/14 AAO, Chicago IL:
- Keynote Lecture, ISRS pre-AAO "Refractive Surgery 2014":
 - o "Mitomycin-C: Uses and Abuses in Corneal Refractive Surgery"
 - Great Debate: Corneal Crosslinking: "Epithelium-on" (SYM11)
 - Course LAB143a: "Toric alignment imaging and astigmatism surgery"
 - Course LAB107a: "Crosslinking"
- 11/15 AAO, Las Vegas NV: Lab instructor: "LAB 125a- Toric alignment imaging and astigmatism surgery" and "LAB 104a- Crosslinking"
- 10/16 AAO, Chicago IL: Lab instructor: "LAB 134a- Toric alignment imaging and astigmatism surgery"
- 11/17 AAO, New Orleans LA: Lab instructor: "LAB 145a: Toric alignment imaging and astigmatism surgery"
- 4/18 ASCRS, Washington, DC- Lab co-instructor, Surgical Management of Astigmatism Skills Lab, Course STS-2
- 5/18 ARVO, Honolulu HI: Poster #2875470 co-author: "Demystifying DMEK: A comparison of donor preparation": Epstein R, Majmudar, PA, Epstein RJ, Rubenstein, JB
- 10/18 AAO, Chicago IL: Lab instructor "Lab 142a- Toric Alignment Imaging and Astigmatism Surgery
- 5/18 Poster presentation, "PDEK: Is it any better than DMEK?" American Society of Cataract and Refractive Surgery, San Diego, CA, May 2019.
- 5/18 ASCRS, San Diego CA: Lab co-instructor, Surgical Management of Astigmatism Skills Lab, Course STS-2
- 10/19 AAO, San Francisco CA: Lab instructor "Lab 142a-Toric Alignment Imaging and Astigmatism Surgery
- 4/22 ASCRS, Washington DC: Lab co-instructor, Surgical Management of Astigmatism Skills Lab
- 10/22 AAO, Chicago: AAO, San Francisco CA: Lab instructor "Lab 142a- Toric Alignment Imaging and Astigmatism Surgery
- 5/23 ASCRS, San Diego CA: Lab co-instructor, Surgical Management of Astigmatism Skills Lab

6) AUDIO-VISUAL EDUCATIONAL MATERIALS

1. Epstein RJ. “Refractive Practice Pearls”. Audio-Digest Ophthalmology 41:12. 2/03.
2. Epstein RJ. “LASIK Complications, Antimetabolites and Refractive Surgery.” “The Management of Astigmatism with Cataract Surgery”. Audio-Digest Ophth. 5/03.
3. Epstein RJ. “Expanding Applications for NSAIDs: The Inflammatory Response in the Eye”. Audioconference series, 7/03-10/03.

7) PATENTS and INVENTIONS

The “Epstein-Lindstrom aspirating LASIK lid speculum”, #E-4118,
(Storz/B&L Surgical patent)

8) ONLINE Publications

2/10/2020: [MSN.com](#) Joan Raymond US [Yesterday • 2:33 PM](#)
[‘5 eye problems you shouldn't ignore, from floaters to pains’](#)