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Certification and License

New York license	1981-pres	Physician and Surgeon
Florida license	1991-pres	Physician and Surgeon
American College of Surgeons	1989-pres	Fellow
American Board of Ophthalmology	1987-pres	Diplomat, Ophthalmology
American Academy of Ophthalmology	1987-pres	Fellow
	1982-1987	Member

Professional Experience

Advisory Board Member	2002-pres	Alcon Laboratories
Alcon Speaker's Bureau	2001-pres	Alcon Laboratories
Director, Vision Correction	1999-pres	New York Eye and Ear Infirmary
Director, LADARVision Center of Education	1999-pres	New York Eye and Ear Infirmary, Refractive Surgery
Vice Chair, Quality Standards Advisory Comm.	1999-pres	Council for Refractive Surgery Quality Assurance
Advisory Panel Member	1998-pres	Ask LASIK Docs dot com
Co-Medical Director, Vision Correction	1997-1999	New York Eye and Ear Infirmary, Cornea Service
Co-Medical Director, Manhattan center	1998-1999	TLC The Laser Center
Surgeon Director, Refractive services	1995-pres	Vista Alliance Eye Care Associates
Asst Surgeon Director, Pediatric Cataract	1988-1997	New York Eye and Ear Infirmary, Pediatric service
Private Practice Ophthalmology	1986-pres	New York, NY

Academic and Hospital Appointments, Ophthalmic Surgeon

New York Medical College	2000-pres	Assistant Professor of Ophthalmology
New York Eye and Ear Infirmary	1999-pres	Director, Vision Correction
	1997-1999	Co-Medical Director, Vision Correction
	1988-1997	Assistant Surgeon Director, Pediatric Cataract
	1987-pres	Pediatric cataract service Attending
Mt. Sinai University Hospital	1986-pres	Instructor, Dept of Ophthalmology
Albert Einstein College of Medicine	1986-1991	Instructor, Dept of Ophthalmology
Beth Israel Medical Center	1986-1994	Attending Staff
Albert Einstein College of Medicine	1986-1991	Attending Staff
Lenox Hill Hospital	1991-pres	Attending Staff
Manhattan Eye Ear and Throat Hospital	1997-pres	Attending Staff

Education

New York Eye and Ear Infirmary	1985-1986	Surgical repair of ocular trauma
	1982-1985	Resident, Ophthalmology
Long Island College Hospital	1980-1981	Intern, Internal Medicine
Pennsylvania State University	1976-1980	Doctor of Medicine
New York University	1972-1976	Bachelor of Arts, cum laude

Relevant Certification

VISX Excimer Laser Custom Cap	2002	New York, NY
Moria ALTK	2001	New York, NY
Moria M2 Microkeratome	2001	New York, NY
SUMMIT SKBM Microkeratome	2000	New York, NY
Moria CB Microkeratome	1999	New York, NY
Staar ICL Certification	1999	Santo Domingo, DR
Keravision Intacs Certification	1999	Kansas City, MO
Autonomous Excimer Laser certification	1999	Ft Meyers, FL; Seattle, WA; New York, NY
Moria LSK Microkeratome	1998	New York, NY
Surgical Reversal of Presbyopia	1998	Toronto, Canada; New Orleans, LA
Chiron Hansatome	1998	New York, NY

Relevant Certification (cont.)

Chiron Automated Corneal Shaper	1996	Rockville, MD
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Visx Excimer Laser FDA Certification	1996	New York, NY
Summit Excimer Laser FDA Certification	1995	Washington, DC
Visx LASIK Course	1994	Toronto, Canada
Visx Excimer Laser Course	1990	Kansas City, MO
Cilco RK Course, Casebeer RK System	1989	New York, NY
BKS Microkeratome ALK Certification	1986	New York, NY
Epikeratophakia Certification	1986	Irvine, CA

Presentations and Teaching

Welcome Wavefront-Guided LASIK with Custom Cornea	2002	Alcon Refractive Education Forum, New York, NY
LASIK Pearls for Improving Surgical Outcomes	2002	Alcon User's Meeting, Taipei, Taiwan
Features, Benefits and Techniques of Alcon's LADARWave and LADARVision	2002	43 rd Annual Meeting of the Ophthalmological Society of Taiwan, Taipei, Taiwan
Wavefront Guided LASIK with Alcon's Custom Cornea	2002	Alcon Refractive Symposium, Taipei, Taiwan
Features, Benefits and Techniques of Alcon's LADARWave and LADARVision	2002	Fifth Sino-Japanese Joint Ophthalmology Meeting, Taipei, Taiwan
Personal Experience with LADARVision and Technological Advantage of LadarWave	2002	Most Valuable Practice (MVP), New Orleans, LA
Integrating LASIK into Thriving General Ophthalmology Practice	2002	Most Valuable Practice (MVP), New Orleans, LA
Excellence in LASIK Course Director	2002	New York Eye & Ear Infirmary, New York, NY
Tracking New Milestones in Custom Cornea	2002	American Academy of Ophthalmology Annual Meeting, Orlando, FL
Multiple Perspectives		
VFA Aberrometry on Laser Cut Lenses	2002	International Society of Refractive Surgery (ISRS) Fall Refractive and Cataract Symposium, Orlando, FL
Surgical Correction of Presbyopia	2002	International Society of Refractive Surgery (ISRS) Fall Refractive and Cataract Symposium, Orlando, FL
Scleral Expansion Bands: US FDA Results	2002	International Society of Refractive Surgery (ISRS) Fall Refractive and Cataract Symposium, Paper (author), Surgical Correction of Presbyopia, Orlando, FL
Measurement of Induced Higher –Order Aberrations Produced by Conventional Excimer Laser Ablations: Alcon LADARVision and VISX Star	2002	International Society of Refractive Surgery (ISRS) Fall Refractive and Cataract Symposium, Paper (author), Advances in Refractive Surgery, Orlando, FL
Re-Treatment Rate and Final Uncorrected Acuity in 1000 Consecutive Patients Each with Alcon LADARVision and VISX Star Excimer Laser Systems	2002	International Society of Refractive Surgery (ISRS) Fall Refractive and Cataract Symposium, Paper (author), LASIK Enhancement and Lamellar the Surgery, Orlando, FL
Wavefront Guided Ablation	2002	pre-American Academy of Ophthalmology (AAO) Annual Meeting, Discussion Group, Refractive Surgery Subspecialty Day, Orlando, FL
Refractive Surgery in the Young and Old	2002	pre-American Academy of Ophthalmology (AAO) Annual Meeting, Refractive Surgery Subspecialty Day, Orlando, FL
Measurement of Higher Order Aberrations Produced by Conventional Excimer Laser	2002	pre- American Academy of Ophthalmology (AAO) Annual Meeting, Advanced Refractive Technology: Wavefront and Beyond course., Orlando, FL
Wavefront Analysis and Customized LASIK	2002	Ophthalmology Grand Rounds, Saint.Vincent's Hospital, NYC, NY
Training in the FocalOne Surgical Spacing Procedure	2002	Cancun, Mexico
LASIK Pearls for Improving Surgical Outcomes	2002	Refractive Surgery 2002, Hong Kong, China
LASIK Outcomes: Broad Beam and Scanning Laser Results	2002	8 th Congress of the Chinese Ophthalmological Society (CCOS) Alcon Symposium on Refractive Surgery, Xi'an, China
LASIK Complications	2002	Ophthalmology in the 21 st Century, Excellence in LASIK, Brewster, MA
Customizing LASIK with Large Optical Zones	2002	Ophthalmology in the 21 st Century, Excellence in LASIK, Brewster, MA
Advanced Refractive Surgery Solutions for Postop LASIK Problems	2002	COPE Accredited Course (#6751) for the Suffolk County Optometric Society, Hauppauge, NY
LASEK: is PRK Dead?	2002	Excellence in LASIK, New Haven, CT
Customizing LASIK with Large Optical Zones	2002	Excellence in LASIK, New Haven, CT
Results of USA FDA Clinical Trials of SRP	2002	ASCRS Annual Meeting, Ciba Vision Speakers Forum, Philadelphia, PA
SRP: The Surgical Reversal of Presbyopia-A Surgical Skills Course	2002	ASCRS Annual Meeting, Philadelphia, PA
INTACS	2002	ASCRS Annual Meeting, U.S. Medical Advisory Board to Addition

Final UCVA and Retreatment Rate with 2 Excimer Laser Systems	2002	Technology, Round Table, Philadelphia, PA ASCRS Annual Meeting, Paper (author), Philadelphia, PA
Presby Drive	2002	ASCRS Annual Meeting, Philadelphia, PA
Complications Management	2002	Ophthalmic Symposium, Advanced Excellence in LASIK, San Antonio, TX
Customizing LASIK with Large Optical Zone	2002	Ophthalmic Symposium, Advanced Excellence in LASIK, San Antonio, TX
Nomogram Development	2002	Ophthalmic Symposium, Advanced Excellence in LASIK, San Antonio, TX
Integrating LASIK into a General Ophthalmology Practice, Creating Vision in the Management of Your Refractive Practice	2002	Most Valuable Practice (MVP), Miami, FL
Surgical Reversal of Presbyopia with Scleral Expansion Band Implants	2002	Robert Coles Memeorial Lecture, The New York Academy of Medicine, New York, NY
LADARVision vs Visx	2002	New York Keratorefractive Society
Technical Requirement for Custom Oblation	2002	New York Keratorefractive Society
Basic LASIK & Complications Management	2002	San Diego County Ophthalmology Society, San Diego, CA
Wavefront Analysis & Custom Cornea Treatment	2002	San Diego County Ophthalmology Society, San Diego, CA
Treatments for Vision Deficiencies	2002	Cooper Union Research Foundation, New York, NY
Scleral Expansion Bands for the Correction of Presbyopia	2002	The New Orleans Academy of Ophthalmology 51 st Annual Symposium, New Orleans, LA
Objective Evidence of Improved Accommodation with Scleral Expansion Implants for Presbyopia	2002	The New Orleans Academy of Ophthalmology 51 st Annual Symposium, New Orleans, LA
Objective Evidence of Improved Accommodation after SEB for SRP	2002	Quality Surgery XVI, American College of Eye Surgeons, Miami, FL
Array vs. Monovision	2002	Quality Surgery XVI, American College of Eye Surgeons, Miami, FL
The Technology Requirements for Custom Ablation	2002	Ocular Surgery News Symposium, Waikoloa, Hawaii
Advanced Refractive Surgery Solutions for Postop LASIK Problems	2002	COPE Accredited Course (#6751) for the Nassau County Optometric Association, Hofstra University, Hempstead, New York, NY
Clinical Aspects of Surgical Reversal of Presbyopia	2001	American Academy of Ophthalmology Annual Meeting, BD Ophthalmic Speakers' Forum, New Orleans, LA
Developing Nomograms for Large Optical Zone Treatments	2001	American Academy of Ophthalmology Annual Meeting, Alcon Speakers' Forum, New Orleans, LA
Scleral Expansion with Presby Corp Bands	2001	International Society of Refractive Surgery (ISRS) Fall Symposium, New Orleans, LA
Scleral Expansion Band Procedure for the Surgical Treatment of Presbyopia and Glaucoma: Clinical Results with the Presby Drive	2001	American Society of Contemporary Ophthalmology (ASCO), New Orleans, LA
Presby Corp Surgeon Certification: Clinical Aspects of Presby Drive	2001	American Academy of Ophthalmology Annual Meeting, pre-AAO meeting, New Orleans, LA
Flap Thickness Predictability with Different Microkeratome Heads	2001	International Society of Refractive Surgery (ISRS) Fall Symposium, (co-author), New Orleans, LA
Scleral Expansion for the Surgical Reversal of Presbyopia and Presby Drive Surgeon Certification Course	2001	Cancun, Mexico
New Developments on Small Incision Cataract	2001	National Medical Association (NMA) Annual Meeting, Surgery, Ophthalmology Section, Nashville, TN
Wavefront Guided Excimer Laser Surgery	2001	National Medical Association (NMA) Annual Meeting, Ophthalmology Section, Nashville, TN
First International Presby Drive Surgeon Certification Course	2001	Cancun, Mexico
Optometric Care of SRP Patients	2001	COPE Accredited Course, New York, NY
VISX Surgeon Certification Course Director	2001	New York Eye and Ear Infirmary, New York, NY
Automated Lamellar Therapeutic Keratectomy	2001	New York Eye and Ear Infirmary, New York, NY
Didactic and Wetlab Surgeon Training Course	2001	Yale New Haven Eye Laser Center, New Haven, CT
Excellence in LASIK Certification Course: Treating Large Optical Zones	2001	Yale New Haven Eye Laser Center, New Haven, CT
LADARWave Custom Cornea Wavefront System Update	2001	Yale New Haven Eye Laser Center, New Haven, CT
Moria Microkeratome Physician Training and	2001	New York Eye and Ear Infirmary, New York, NY
Scleral Expansion for the Surgical Reversal of	2001	Cancun, Mexico

Presbyopia Surgeon Certification Course		
Advanced Refractive Surgery Techniques: Minimize Postoperative Complications and Maximize Surgical Results	2001	ASCRS Annual Meeting, San Diego, CA
The Surgical Reversal of Presbyopia: Current FDA Protocol: Phase I Surgical Approach	2001	ASCRS Annual Meeting, San Diego, CA
Enlarged Optical Zones to Reduce Glare in Myopic LASIK Patients	2001	ASCRS Annual Meeting, (co-author), San Diego, CA
Clinical Evaluation of the Infrared Pupilscan for Scotopic Pupil Size Measurement	2001	ASCRS Annual Meeting, (co-author), San Diego, CA
Surgical Reversal of Presbyopia with Scleral Expansion Band (SEB) Insertion: Results of First Year USA FDA IDE Clinical Trials	2001	ASCRS Annual Meeting, San Diego, CA
One Year Outcomes of Scleral Expansion Band Surgery for Presbyopia Reversal During Phase I Clinical Trials at the NY Eye and Ear Infirmary	2001	ASCRS Annual Meeting, Scientific Paper, Presbyopia Section, San Diego, CA
Laser In Situ Keratomileusis	2001	ASCRS Annual Meeting, Refractive Section, San Diego, CA
Ultrasound Biomicroscopic (UBM) Evaluation of the Position of Scleral Expansion Band Segment Implants for Presbyopia Reversal	2001	ASCRS Annual Meeting, (co-author), San Diego, CA
Comparison of Flap Thickness Using the SKB Microkeratome with an Investigational Thin Cutting Blade	2001	ASCRS Annual Meeting, Scientific Paper, San Diego, CA
Reproducibility of Flap Characteristics with the Moria One Use Microkeratome	2001	ASCRS Annual Meeting, Moria Speakers' Forum, San Diego, CA
Large Optical Zones for the Prevention of Night Glare	2001	ASCRS Annual Meeting, Alcon Speakers' Forum, San Diego, CA
Comparison of Night Glare with the Visx Star2 and the LADARVision Lasers and LASIK	2001	ASCRS Annual Meeting, Alcon Speakers' Forum, San Diego, CA
Surgical Reversal of Presbyopia Physician Course: PresbyCorp didactic course	2001	ASCRS Annual Meeting, San Diego, CA
Technical Challenges to Large Optical Zone Treatments and the Prevention of Night Glare	2001	Alcon LADARVision User Meeting, San Diego, CA
Excellence in LASIK with LADARVision and Nomogram Development	2001	Alcon LADARVision User Meeting, San Diego, CA
Predictive Formula for Flap Diameter Using the Moria Single Use Microkeratome	2001	Pan Arab African Council of Ophthalmology Meeting, Scientific Paper, Beirut, Lebanon
Surgical Reversal of Presbyopia	2001	University of Cairo, Department of Ophthalmology, Grand Rounds Cairo, Egypt
Excellence in LASIK Surgeon Certification Course: LASIK with LADARVision and Nomogram Development	2001	Zale Lipshy Laser Center for Vision, Dallas, TX
Biomedical Engineering in Ophthalmology	2001	The Cooper Union, Center for Biomedical Engineering, New York, NY
LASIK Surgery with the Moria CB Microkeratome Course	2000	Chennai, India
LASIK with Large Optical Zones for the Prevention of Night Glare	2000	LADARVision User Meeting, American Academy of Ophthalmology Annual Meeting, Dallas, TX
Maximizing LADARVision Patient Flow	2000	LADARVision User Meeting, American Academy of Ophthalmology Annual Meeting, Dallas, TX
My Clinical Evaluation of the ONE Use Microkeratome	2000	Speakers' Forum, American Academy of Ophthalmology Annual Meeting, Dallas, TX
Predictive Formula for Flap Diameter Using the Moria Individual Use Microkeratome	2000	World Refractive Surgery Symposium (WRSS), Dallas, TX
Hyperopia and Hyperopia with Astigmatism LASIK FDA Results with LADARVision	2000	World Refractive Surgery Symposium, Dallas, TX
Scleral Expansion for the Surgical Reversal of Presbyopia: Six Month FDA IDE Phase I Clinical Trials at the NYEEI	2000	World Refractive Surgery Symposium, Poster Presentation, Dallas, TX
Scleral Expansion for the Surgical Reversal of Presbyopia Course	2000	Montego Bay, Jamaica
Refractive Surgery	2000	St. Joseph's Hospital, Grand Rounds, Flushing, NY
Surgical Reversal of Presbyopia Lecture	2000	New York State Ophthalmic Nurses Society
Hyperopic LASIK Results with a 6.0 mm	2000	International Society of Refractive Surgeons (ISRS) Meeting,

Treatment Zone		Orlando, FL
Free Cap Complications with Hyperopic LASIK with a 6.00 mm Treatment Zone	2000	International Society of Refractive Surgeons (ISRS) Meeting, Orlando, FL
Moria Microkeratome Physician Training and Certification Course	2000	The New York Eye and Ear Infirmary, New York, NY
Refractive Surgery Concepts	2000	State University of New York College of Optometry, New York, NY
Results of the Visx Star2 in LASIK for Hyperopia with Astigmatism during USA FDA Monitored Clinical Trials	2000	American Society of Cataract and Refractive Surgery (ASCRS) Annual Meeting, Scientific Presentation, LASIK Surgery Section, Boston, MA
Results of the Visx Star2 in LASIK for Consecutive Hyperopia During USA FDA Monitored Clinical Trials	2000	American Society of Cataract and Refractive Surgery (ASCRS) Annual Meeting, Scientific Presentation, LASIK Surgery Section, Boston, MA
Nomogram Development for LASIK with LADARVision	2000	American Society of Cataract and Refractive Surgery (ASCRS) Annual LADARVision User Meeting, Boston, MA
LASIK Results for Myopia and Myopic Astigmatism Using Expanded Optical Zones with the LADARVision Excimer Laser	2000	American Society of Cataract and Refractive Surgery (ASCRS) Annual Meeting, Scientific Presentation, LASIK Surgery Section, Boston, MA
Surgical Reversal of Presbyopia with Scleral Expansion Bands During U.S. Clinical Trials	2000	American Society of Cataract and Refractive Surgery (ASCRS) Annual Meeting, Scientific Presentation, LASIK Surgery Section, Boston, MA
LADARVision System Parameters: Principles and Practice	2000	Pre-ASCRS Summit Technology Meeting, Boston, MA
Large Optical Zones and Glare Reduction After LASIK	2000	Canadian Society of Cataract and Refractive Surgery (CSCRS), Toronto, Canada
LASIK, First 500 LADARVision Experience	2000	Canadian Society of Cataract and Refractive Surgery (CSCRS), LASIK Techniques Section, Toronto, Canada
LASIK in Nystagmus with LADARVision	2000	Canadian Society of Cataract and Refractive Surgery (CSCRS), LASIK Techniques Section, Toronto, Canada
Using Large Optical Zone Ablations to Avoid LASIK Complications	2000	American College of Eye Surgeons Annual Meeting, LASIK Complications Section, Miami, FL
Large Flap Management for Hyperopic LASIK	2000	American College of Eye Surgeons Annual Meeting, Miami, FL
Scleral Expansion for the Surgical Reversal of Presbyopia Course	2000	Mexico City, Mexico
Large Ablation Zone/Cap Management	2000	American College of Eye Surgeons, Vancouver, CA
LADARVision Surgeon Certification Course	1999-pres	New York Eye and Ear Infirmary, New York, NY
LASIK Results with Cap Us Flap	1999	International Society of Refractive Surgeons (ISRS) Meeting, Presentation, Orlando, FL
Results of Hyperopic LASIK	1999	International Society of Refractive Surgeons (ISRS) Meeting, Poster Presentation, Orlando, FL
Moria Microkeratome LASIK Course Director	1998-pres	New York Eye and Ear Infirmary, New York, NY
Mini-Fellowship Instructor, Hansatome	1998-pres	Chiron, New York Eye and Ear Infirmary, New York, NY
LASIK Post-op Complication Management	1997	State University of New York College of Optometry, TLC Laser Center, NYC
Phaco-Emulsification Training Course	1990-1995	New York Eye and Ear Infirmary, New York, NY
Pediatric Cataract Lecture Series	1988-1993	New York Eye and Ear Infirmary, New York, NY; Lenox Hill Hospital, New York, NY
Ophthalmic Ultrasound	1987-1990	New York Eye and Ear Infirmary, New York, NY

Research Experience and Peer Review Publications

Surgical Reversal of Presbyopia	1999-2002	Principal Investigator NYEEI Presby Corp, Phase I
LASIK with Large Optical Zones LADARVision for Night Vision Disturbances	1999-2000	Principal Investigator
Comparison of Two Lasers: Alcon Autonomous LADARVision and Visx	1999-2001	Principal Investigator NYEEI
Exploration of Dry Eye Behavior in the Course of Refractive Corneal Surgery	2000-2001	Principal Investigator NYEEI
LADARVision 4000 Excimer Laser System Upgrade	2000	Design Team Member, Orlando, FL
Consecutive Hyperopic LASIK with Visx Star S2	1998	Principal Investigator NYEEI/CRS Research
Hyperopic Astigmatic LASIK with Visx Star S2	1998	Principal Investigator NYEEI/CRS Research
Hyperopic LASIK with Visx Star S2	1998	Principal Investigator NYEEI/CRS Research
Pediatric Intra-ocular Lens study	1987-1992	IOLAB national study group

Qazi, M., Pepose, J., Shuster, J., Soloway, B., et al. *Preliminary Results of a Phase I Study of Scleral Expansion Band (SEB) Segments for the Treatment of Presbyopia*. American Journal of Ophthalmology, submitted for publication, 2002

Soloway, Barrie D. *Ultrasound Biomicroscopy After Scleral Expansion Band Surgery and Post-op Exercises*. Presbyopia: A Surgical Textbook, by Amar Agarwal, Chapter 11: 113-117, 2002.

Soloway, B., and Roth, R. *Laser In Situ Keratomileuses on a Patient with Congenital Nystagmus*. Journal of Cataract & Refractive Surgery, 28(3): 544-546, March 2002

Gurses-Ozden, R., Liebmann, J.M., Schuffner, D., Buxton, D.F., Soloway, B.D., et al. *Retinal Nerve Fiber Layer Thickness Remains Unchanged Following Laser-assisted In Situ Keatomileusis*. American Journal of Ophthalmology, 132(4): 512-516, October 2001

Soloway, Barrie D., and Krueger, Ronald R. *Customization of Ablation Optical Zone Sizes in LASIK*. Customized Corneal Ablation, by Scott M. Macrae, Ronald R. Krueger, and Raymond A. Applegate. Chapter 27: 309-17, 2000.

Soloway, B., McPherson, A. *Molecular Symmetry of Fructose-1 6-diphosphatase by X-ray Diffraction Analysis*. Journal of Biochemistry 253 (7): 2461, 1978

Society Memberships

American Medical Association
American Society of Cataract and Refractive Surgery
Comprehensive Refractive Surgery Group
Medical Society of the State of New York
New York State Society of Clinical Ophthalmology
Brooklyn Ophthalmologic Society
American Academy of Ophthalmology
American College of Surgeons
International Society of Refractive Surgery
New York State Ophthalmologic Society
New York County Medical Society
New York Keratorefractive Society Member
New York Intraocular Lens Implant Society

Honors

Best Paper of Session, International Society of Refractive Surgery (ISRS) Fall Refractive and Cataract Symposium	2002
John S. Herman, M.D. Memorial Award for Excellence in Teaching, NYEEI	2001
VISX Star Surgeon Award	1998-2000
SUMMIT Autonomous Society Membership	1999-2000
New York Eye and Ear Infirmary Resident Teaching Award	1999, 2000
Castle Connolly "Best Doctors in New York"	1997-pres