

CURRICULUM VITÆ Précis

Dan Zoltan Reinstein, MD, MA(Cantab), FRCSC, DABO, FRCOphth, FEBO, CertLRS, PGDip CRS

Professor Reinstein is a General Medical Council registered specialist in ophthalmology in the United Kingdom, equally certified by the American Board of Ophthalmology and the Royal College of Physicians and Surgeons of Canada. He is a sub-specialist in cornea, and a formally trained specialist in refractive surgery. In his clinical practice at the London Vision Clinic in London/UK he combines extensive post-doctorate fellowship sub-specialty training in cornea, external diseases, refractive surgery, ophthalmic ultrasound, and ultrasound bioengineering with his extensive experience as a research scientist. His special interests include the systematization of surgical technique and the assessment and correction of the complications of refractive surgery.

Professor Reinstein is the former Chief Medical Officer of LASIK Vision Corporation/Canada. During his tenure, the company grew to be not only the largest provider of laser vision correction services in the world (performing over 100,000 procedures per year) but the first large refractive surgery multi-clinic system with a full outcomes and safety tracking system. Professor Reinstein was responsible for the training and quality control of a body of 58 staff surgeons operating in 31 clinics in both Canada and the USA under standardized protocols largely defined by his research on the safety and accuracy of LASIK. In addition to these responsibilities, Professor Reinstein has performed over 30,000 refractive surgical procedures and regularly teaches his techniques to surgeons internationally.

In scientific research, Professor Reinstein has led the development and use of the 'Artemis' Insight 100 VHF digital ultrasound technology (VHFDU): A 3-D very high-frequency (VHF) digital ultrasound scanning system that was the first technology to provide thickness measurements of individual corneal layers as well as ocular dimensions of the anterior segment with one micron precision. During the 1990's, as Research Fellow in Bioengineering at Cornell University in New York, he first developed and then pioneered the use of this technology with focus on studying the healing responses within the cornea and analysis of the complications of corneal refractive and intraocular lens implant surgery. Because the Artemis technology can determine the exact anatomical basis for surface corneal irregularities it provides unique information for the analysis of the optical complications of refractive surgery. The integration of epithelial thickness profiles, stromal surface shape, and residual stromal bed have led to an unprecedented level of measurements are currently being utilized for the experimental customization of corneal laser refractive surgery and has enabled the repair of many cases in which no other possible solution appeared possible. Professor Reinstein's work with ultrasound has spawned a whole industry of OCT devices now designed to measure the individual layers of the cornea, and he has been actively involved in helping companies refine OCT devices for this application. In addition, the Artemis' ability to measure internal ocular posterior chamber dimensions (e.g. sulcus-to-sulcus and ciliary body inner diameter behind the iris) has led to formulas that greatly improve the safety of refractive phakic intra-ocular lenses such as the ICL; custom sizing of phakic IOLs should eventually become the standard of care worldwide. He is also working on algorithms for new intra-ocular lens power calculation in cataract surgery that will incorporate measurements of the true anterior-chamber depth to the zonular, ciliary body and sulcus planes and lead to much higher refractive accuracy applied to the field of cataract surgery.

Professor Reinstein had held appointments as Honorary Consultant Ophthalmologist and Senior Research Associate in the Department of Ophthalmology, Guy's and St Thomas' Hospital, Kings College, London, appointed by the pioneer developer of the excimer laser used for refractive surgery, Professor John Marshall. He also held the position of Assistant Professor of Clinical Ophthalmology and Research Director of Refractive Surgery at the Weill Medical College of Cornell University in New York. Professor Reinstein was first appointed full Professor of Ophthalmology at the University of Paris VI, France in 1999, a title which continues as Professeur Associé at the Sorbonne Université, Paris. He was appointed Adjunct Professor of Ophthalmology at Columbia University, New York in December 2010. He is a Fellow of the American Academy of Ophthalmology, Fellow of the Royal College of Physicians and Surgeons of Canada and Fellow of the Royal College of Ophthalmologists (UK). He was appointed Visiting Professor of Ophthalmology, Biomedical Science Research Institute, Ulster University, Coleraine, UK in July 2015 having written and provided the lectures and course content of the laser refractive surgery component for the world-acclaimed Cataract and Refractive Surgery (Theory) post-graduate diploma course which he runs annually each academic year.

Concurrently with his medical career Professor Reinstein has been playing the saxophone for over 40 years including two years of study on a performance scholarship at the Berkley College of Music, Boston, USA, and he is continuing to play jazz on a regular basis in the UK but also worldwide on any given opportunity.

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A. GENERAL INFORMATION:

Birth date: 26 September 1962
 Birth place: Lima, Peru
 Nationality: American, British Citizen
 Marital Status: Married, (wife Dr. med. vet. Ursula Reinstein, Austrian)
 Children: Julia (born 3/2000), Maxwell (born 5/2002), Oscar (born 7/2004)
 Languages: English, Spanish, French (fluent trilingual); German, Italian (Basic)

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B. EDUCATIONAL BACKGROUND

DEGREES

• BA(Hon)	Cambridge University, Cambridge, UK	1984
• MA(Cantab)	Cambridge University, Cambridge, UK	1988
• MB BChir	Cambridge University, Cambridge, UK	1989
• FRCS (C)	Royal College of Physicians and Surgeons of Canada	1999
• DABO	American Board of Ophthalmology	1999
• MD	State University of New York, New York, USA	2001
• FRCOphth	Royal College of Ophthalmologists, UK	2007
• CertLRS	Royal College of Ophthalmologists, UK	2007
• FEBO	European Board of Ophthalmology	2012
• PGDip CRS	Ulster University, Coleraine, UK	2016

EDUCATION

Undergraduate:

• St. John's College, Cambridge University, Cambridge, UK 1981-1984

Postgraduate:

• University College London School of Medicine, University of London, London, UK 1985-1989
 • Research Fellow in Ophthalmic Epidemiology, Institute of Ophthalmology, University of London, London, England 1990-1991
 • Fellow in Ophthalmology, Cornell University Weill Medical College, New York, USA 1991-1994

- Visiting Fellow in Ophthalmology, Cornell University Weill Medical College, New York, USA 1994-1996
- Ophthalmology Residency, Mount Sinai School of Medicine, New York, USA 1993-1996
- Fellow in Cornea, External Diseases and Refractive Surgery, University of British Columbia, Vancouver, Canada 1997-1999
- Postgraduate Diploma in Cataract and Refractive Surgery (Theory), Ulster University, Coleraine, UK 2015-2016

POST-GRADUATE COURSES

Success with Presbyopic IOLs, RCO Congress Birmingham	05/11
Effective Counselling of Dissatisfied Patients from a psychiatrist's perspective	11/08
Nidek International NAVEX Seminar	11/07
Refractive Surgery and Beyond, ESCRS	09/07
Users' Meeting PriaGel UVA XLA Evaluation Kit and test protocols, ASCRS	04/07
Users' Group Meeting 'Ocular Response Analyzer and its measurements, ASCRS	04/07
Invue Lens wet-lab, AAO	11/06
Mission impossible with Phacogymnastics, ESCRS	09/06
The Ethical Ophthalmologist: Commerc. Relationships, Compensation and Advertising, AAO onl.	04/06
The Ethical Ophthalmologist: Informed Consent, Dr-Patient Rel.ship and Deleg. Services, AAO	04/06
The Ethical Ophthalmologist: Research, New Technology and Collegiality, AAO online	04/06
Creating Biomechanical Stability in LASIK and Corneal Surgery, ASCRS	03/06
Corneal and anterior segment optical coherence tomography, by David Huang, AAO	10/05
Optical Coherence Tomography of the anterior chamber with the CZM Visante OCT, ESCRS	09/05
Diagnosis & surgical alternatives for correction of keratoconus & ectatic corneal disease, ESCRS	09/05
INTACS Course: Prolate, and Keratoconus, by Bradley Foreger, ASCRS	04/05
Stabilizing the ectatic cornea though the use of INTACS, by McDonald, Colin, ASCRS	04/05
LASIK Video Grand Rounds: 'Complications...' by Chu Y Ralph, AAO	11/03
Expert Management of LASIK Striae by Mark G Speaker, AAO	11/03
Ophthalmic wavefront sensing and wavefront-guided corneal laser surgery, San Francisco	02/03
Ophthalmic wavefront sensing and wavefront-guided corneal laser surgery, Interlaken	02/02
C-LASIK Instructor Certification	11/99
Intra-corneal ring segment Certification, Instrs: Chayet	11/98
C-LASIK- Hansatome, Instrs.: Breslin, Toronto, Canada	07/98
VISX PRK Certification & VISX PTK Certification Courses, New York City	10/97
C-LASIK - ACS, Instrs.: Slade, Doanne, Villanueva, Monterrey, Mexico	12/96
Modern Incisional Refractive Surgery, Instrs.: Robin, Assil, O'Day, Kelley, AAO	10/96
Radial and Astigmatic Keratotomy, Instrs.: Casebeer, Assil, ISRS Summer Symposium	07/96
Advanced Phacoemulsification, Instrs.: Macool, Schulman, Mount Sinai Med Ctr.	05/96
Greater New York Ophthalmology Clinical Lecture Series, New York	93-94
Radial and Astigmatic Keratotomy, Instrs.: Robin, Lindstrom, ISRS Pre-AAO Ann. Meeting	11/93
Excimer and Other Lasers in Corneal and Refractive Surgery, University of Barcelona, Spain	09/93
Advanced Imaging of the Eye and Orbit, Cornell University Weill Medical College, New York	06/92
Clinical Ultrasonography of Eye and Orbit, Cornell University Weill Medical College, New York	06/92
Training in Identification and Reporting of Child Abuse and Maltreatment, New York	03/92
Radiology in Accident and Emergency, University of London	01/91
Accident and Emergency Course for Senior House Officers, University of London	01/91
Basic Sciences Course for Ophthalmologists, University of Oxford	01/91

SPECIALIST QUALIFICATIONS AND DIPLOMAS

- Fellow of the European Board of Ophthalmology 2012
- Fellow of the Royal College of Ophthalmologists of the United Kingdom 2007

- Board Certified Specialist of the American Board of Ophthalmology 2001
- Fellow of the Royal College of Physicians and Surgeons of Canada 2000
- Registered Specialist in Ophthalmology: Royal College of Surgeons of Canada 1998
- Experto Internacional, Colegio de Medicos y Cirujanos de Costa Rica
- Refractive Surgery, Cornea and External Diseases; Fellowship Trained
- Ophthalmic Ultrasound; Fellowship Trained
- Ultrasound Bio-engineering; Fellowship Trained
- C-LASIK - Bausch & Lomb Certified LASIK and Hansatome™ Instructor
- USA: ECFMG Certified 1990
- USA: FLEX (NY) Certified 1992

C. PROFESSIONAL ACTIVITIES, POSITIONS, AND EMPLOYMENT

- Honorary Visiting Professor** 2015-present
Ulster University, Biomedical Research Institute, Coleraine, UK
- Adjunct Professor of Ophthalmology** 2010-present
Columbia University Medical Centre, New York
- Medical Director** 08/2002-present
London Vision Clinic, London, UK
- Lead Clinical Refractive Surgery Consultant**
Carl Zeiss Meditec, Jena, Germany 10/2001-present
- Professeur Associé en Ophtalmologie** 2000-present
Service V - Prof. Laroche
Faculty of Medicine, Sorbonne Université, Paris, France
- Clinical Assistant Professor of Ophthalmology** 1998-2011
Weill Medical College of Cornell University, New York
- Consultant Ophthalmologist (Honorary)** 05/2003-2006
Dept. of Ophthalmology, Guy's and St Thomas' Hospital, Kings College, London, UK
- Visiting Senior Research Fellow** 02/2004-01/2007
John Marshall, PhD, Dept. of Ophthalmology, School of Biomedical & Health Sciences,
Guy's Campus, King's College London, UK
- Honorary Senior Research Associate** 01/2002-01/2004
John Marshall, PhD, Dept. of Ophthalmology, GKT School of Biomedical Sciences, St
Thomas' Campus, King's College London, UK
- Refractive Surgeon** 02/2002-08/2002
Sunrise Laser Vision Correction, London, UK
- Chief Medical Officer / International Medical Director /
Chairman, Medical Standards Board** 2000-2001
LASIK Vision Corporation, Vancouver, Canada
- Professeur Associé en Ophtalmologie (Level I; Class I)** 09/1999-09/2000
Pole Hospitalo-Universitaire d'Ophtalmologie St. Antoine - XV-XX
University of Paris VI; Faculty of Medicine St. Antoine, France

National Medical Director LASIK Vision Corporation, Vancouver, Canada	1999-2000
Director of Research in Refractive Surgery Bio-acoustic Research Facility-Dyson Vision Research Institute Weill Medical College of Cornell University, New York	1995-1999
Fellow in Refractive Surgery, Cornea and External Disease of the Eye Hugo F.S. Sutton, MD FRCS & Simon P. Holland, MB MRCP FRCS FRCS University of British Columbia, Vancouver, Canada	1997-1999
Instructor in Ophthalmology Director of anterior segment ultrasound research - Cornea and Refractive Surgery D. Jackson Coleman, MD, Chairman Bio-acoustic Research Facility-Dyson Vision Research Institute New York Hospital-Cornell University Weill Medical College, New York	07/96-01/98
Visiting Fellow in Ophthalmology D. Jackson Coleman, MD, Chairman, The New York Hospital - Cornell University Weill Medical College, New York	02/94-12/96
Resident in Ophthalmology Robert Fischer, MD, Residency Director Mount Sinai Medical Center, New York	07/93-07/96
Fellow in Ophthalmology D. Jackson Coleman, MD, Chairman The New York Hospital, Cornell University Weill Medical College, New York	09/91-01/94
A&E Senior House Officer Robin Touquet, FRCS FRCGP RD St. Mary's Hospital Medical School, University of London, UK	02/91-08/91
Research Fellow in Ophthalmic Epidemiology Richard P. L. Wormald, MA MSc FRCS, FRCOphth, Lecturer Institute of Ophthalmology, London, UK	08/90-01/91
Pre-registration House-jobs Internal/Thoracic Medicine – Whittington University Hospital, London Geriatric Medicine – Whittington University Hospital, London General/Vascular Surgery – Edgware General Hospital, London Orthopedic Surgery Intern – Edgware General Hospital, London	05/90-07/90 02/90-05/90 11/89-02/90 08/89-11/89

EXTRAMURAL PROFESSIONAL ACTIVITIES

Presbyond Club, Virtual Webinars	2021
RSA Journal Club, Virtual Webinars	2021
Chair Presbyopia Session, Carl Zeiss Meditec User Meeting, Oberkochen, Germany	2021
Bynocs Medical Advisory Board	2021
Presbyond Club, Virtual Webinars	2020

Chair Carl Zeiss Meditec User Meeting, Virtual Webinar	2020
ISRS International Council Representative for England	2004-2019
Chair Corneal Imaging, MCLOSA London, UK	2019
NEO Advisory Panel Meeting, CZM Jena, Germany	2019
Chair Presbyopia Session, CZM User Meeting, Madrid, Spain	2019
Chair Refractive Practice Session, CZM User Meeting, Madrid, Spain	2019
Zeiss Meet the Experts, CZM User Meeting, Madrid, Spain	2019
KOL Advisory Meeting, CZM User Meeting, Madrid, Spain	2019
CZM Advisory Meeting, CZM User Meeting, Madrid, Spain	2019
AECOS European Executive Committee	2019
ArsScan Advisory Meeting, ASCRS, San Diego, USA	2019
Carl Zeiss USA, Refractive User Meeting, ASCRS, San Diego, USA	2019
RCO CertLRS Paper Setting, London, UK	2019
ISRS International Council Representative for England	2018
AECOS European Executive Committee	2018
Carl Zeiss Meditec Advisory Meeting, CZM User Meeting Amsterdam, Netherlands	2018
Zeiss Meet the Experts, ASCRS, Washington DC, USA	2018
Scientific Committee Member, ARI 2018, Alicante, Spain	2018
ISRS International Council Representative for England	2017
PhD Oral Examiner, Ulster University, Belfast, Northern Ireland	2017
Optimeyes, Board Member	2017
CSO, Medical Advisory Board Member	2017
Board Member AECOS European Executive Committee	2017
Zeiss Focus Group, AECOS Rome, Italy	2016
Carl Zeiss Meditec, Clinical Advisory Panel Meeting, CZM Users Meeting Potsdam	2016
ISRS International Council Representative for England	2016
Board Member HCP Himalayan Cataract Project	2015
Program Committee Member, American-European Congress of Ophthalmic Surgery	2015
ISRS International Council Representative for England	2015
External Supervisor, Faculty of Life & Health Sciences, Ulster University, UK	2015-present
ISRS International Council Representative for England	2014
ISRS International Council Representative for England	2013
Advisory Board Member Optimeyes	2013-2015
HCP Himalayan Cataract Project Medical Advisory Meeting, AAO Orlando	2011-2012
Examiner EBO Exams Paris	2010, 2011, 2012
Carl Zeiss Meditec Advisory Meeting, AAO Chicago	2010
Board Member, Cure Blindness	2009
Carl Zeiss Meditec Refractive Laser Scientific Board Meeting, ESCRS	2009
Specialist Advisor to National Institute for Health and Clinical Excellence (NICE)	2009-2013
Board Member European Society of Cataract and Refractive Surgeons	2008
Specialist Advisor to National Institute for Health and Clinical Excellence (NICE), Phakic IOLs	2008
ISRS/AAO International Council Steering Committee Member	2007-2013
Royal College of Ophthalmologists, Pilot Examiner, Assessment Module	2007
Journal of Refractive Surgery, Editorial Board Meeting, AAO	2005-2012
ISRS/AAO International Council Representative for England	2005-2006
Specialist Advisor to National Institute for Health and Clinical Excellence (NICE), LASIK	2004
President, American Society of Ophthalmic Ultrasound	2000-present
Research Committee Member, European Society of Cataract and Refractive Surgery	2001-present
Committee Member, Communications Committee, Int. Society of Refractive Surgery	1999-2001
Scientific Committee Member, Soc. Internationale d'Ultrason Ophthalmologique (SIDUO)	1999-2000
Board Member at Large, American Society of Ophthalmic Ultrasound	1998-2000
FDA Ophthalmic Devices Panel	1999
Chairman, Ophthalmology Section, American Institute of Ultrasound in Medicine	1997-1999
Member of the Council on Sections, American Institute of Ultrasound in Medicine	1997-1999
Vice-president, American Society of Ophthalmic Ultrasound	1996-1998

EDITORIAL BOARDS, EDITOR

Journal of Refractive Surgery, Section Editor, Therapeutic Refractive Surgery	2015-present
International Journal of Keratoconus and Ectatic Corneal Diseases	2012-present
EyeWorld, International Advisory Group	2011-present
Journal of Emmetropia	2011-present
Ultrasonography of the Eye, Prof. Jack Coleman	2008
Journal of Refractive Surgery, Section Editor, Biomechanics	2005-2015
Chinese Journal of Optometry & Ophthalmology	2006-present
BioMed Central Ophthalmology, Core Reviewer	2001-present
Revista Española de Oftalmología	2001-present

SCIENTIFIC JOURNAL REVIEWER

<i>Survey of Ophthalmology</i>	2015-present
<i>Cochrane Eyes and Vision Group, International Centre for Eye Health</i>	2004-present
<i>American Journal of Ophthalmology</i>	2004-present
<i>European Journal of Ophthalmology</i>	2004-present
<i>Optometry and Visual Science</i>	2001-present
<i>Cornea</i>	2000-present
<i>Ophthalmology</i>	2000-present
<i>Investigative Ophthalmology and Visual Science</i>	2000-present
<i>Journal of Cataract and Refractive Surgery</i>	1999-present
<i>Current Eye Research</i>	1997-present
<i>Journal of Refractive Surgery</i>	1997-present

SCIENTIFIC INTERNATIONAL MEETING PANELS

Chair, Presbyond Grand Round Session in Spanish	2021
Moderator, 2x CZM Young Ophthalmologists Webinar Series	2021
Keynote Speaker, ISOP International Society of Presbyopia, Webinar	2021
Moderator, Biotech Phakic User Conclave, India	2020
Keynote Speaker, HOA Vista 2020 Meeting Hyderabad, India	2020
Moderator, Zeiss Webinar, Seeing Beyond: SMILE for Young Ophthalmologists	2020
Chair, ISRS Member's Lunch SMILE Session, AAO San Francisco, USA	2019
Moderator, Zeiss Refractive Lunch Symposium on Presbyopia, ESCRS, Paris, France	2019
Panelist, ISOP, The Presbyopia Debate, 2019, Paris, France	2019
Session Chair, Corneal Refractive Surgery, UKISCRS, Glasgow, United Kingdom	2019
Moderator, AECOS Presbyopia Fake News and True Stories, Sitges, Spain	2019
Moderator, AECOS Training Young Ophthalmologists in Refractive Surgery, Sitges, Spain	2019
Jurist, AECOS Presbyopia Correction, Sitges, Spain	2019
Moderator, AECOS Therapeutic Corneal Refractive Surgery, Sitges, Spain	2019
Panelist, AECOS Innovation Forum, Sitges, Spain	2019
Program Chair, AECOS Sitges, Spain	2019
Chair, Twilight Session, Brighton Cornea Course, Brighton, United Kingdom	2019
Panelist, Carl Zeiss Meditec 'Meet the Experts' Session, ASCRS, San Diego, USA	2019
Moderator, AMPC for Scientific Posters, AAO Chicago, USA	2018
Panelist, Carl Zeiss Meditec Presbyopia Event, Vienna, Austria	2018
Panelist, The Best Lessons I Learned, AECOS Berlin, Germany	2018

Moderator, Surgeon-led vs Corporate Practices, AECOS Berlin, Germany	2018
Program Chair, AECOS Berlin, Germany	2018
Panelist, Refractive Outcomes, ASCRS, Washington DC, USA	2018
Panelist, Zeiss Refractive User Meeting, ASCRS, Washington DC, USA	2018
Panelist, Refractive Surgery Alliance Meeting, AAO, New Orleans, USA	2017
Panelist, Refractive Surgery Subspecialty Day, AAO, New Orleans, USA	2017
Moderator, Zeiss Global SMILE Experiences, ESCRS, Lisbon, Portugal	2017
Panel Chair, CZM User Day for Laser Refractive & Cataract Surgery, Lisbon, Portugal	2017
Moderator, CZM User Day for Laser Refractive & Cataract Surgery, Lisbon, Portugal	2017
Expert Latam Table, PAAO Lima, Peru	2017
Moderator, ISRS Symposium, PAAO Lima, Peru	2017
Panelist, ISRS Symposium, PAAO Lima, Peru	2017
Moderator, Lasers – Modern Lasik, AECOS, Prague, Czech Republic	2017
Panelist, AECOS Innovation Forum, AECOS, Prague, Czech Republic	2017
Moderator 'Diving into presbyopia management', CZM User Meeting Paris, France	2017
Panelist 'The Future of Presbyopia', Presbyopia 2016, Copenhagen, Denmark	2016
Optimo-Medical Advisory Board Meeting, ESCRS Copenhagen, Denmark	2016
Moderator 'Management of Corneal Astigmatism', ESCRS Copenhagen, Denmark	2016
Moderator 'Advanced Diagnostics in Refractive Surgery', AECOS Rome, Italy	2016
Panelist 'Presbyopia Correction', AECOS Rome, Italy	2016
Panelist 'The case that taught me the most in 2015', XVI State of the Art Refractive and Cataract Surgery Symposium, Hull, United Kingdom	2016
Panelist 'Meet the Experts – PRESBYOND and MEL 90', CZM Users Meeting Potsdam, Germany	2016
Chairman, Carl Zeiss Meditec Users Meeting on 'Practical implementation and Success stories on PRESBYOND', Potsdam, Germany	2016
Moderator, Topography/Wavefront Treatment in the US – Can you fix my patient? Aecos, Aspen, Colorado, United States	2016
Panelist, Refractive Life surgery event, Phaco Festival Bangalore, India	2015
Panelist, Carl Zeiss Meditec Life surgery event, ESCRS Barcelona, Spain	2015
Moderator 'Lamellar Refractive Surgery: How do we revive the market?', AECOS Berlin	2015
Moderator 'Microinvasive Glaucoma Surgery', AECOS Berlin	2015
Chairman 'Meet the Experts – Mel90 and PRESBYOND', CZM Users Meeting Florence, Italy	2015
Clinical Advisory Panelist, CZM Clinical Advisory Panel Meeting, CZM Users Meeting Florence	2015
Chairman, Symposium on Femtosecond assisted LASIK vs SMILE technique', APAO China	2015
Chairman, Symposium on Hyperopia Laser Surgery, APAO Guangzhou, China	2015
Chairman, ASCRS Symposium, APAO Guangzhou, China	2015
Chairman Meet the Experts SMILE Dinner, APACRS Jaipur, India	2014
Chairman and Moderator, CZM Refractive Laser Lunch Symposium, APACRS Jaipur, India	2014
Panelist, ISRS Lunchtime Symposium, AAO Chicago, USA	2014
Co-Moderator ISRS Symposium, ESCRS London, UK	2014
Clinical Advisory Panelist, CZM Clinical Advisory Panel Meeting, ESCRS London, UK	2014
Chairman Carl Zeiss Symposium, ESCRS London, United Kingdom	2014
Chairman Clinical Research Symposium, ESCRS London, United Kingdom	2014
Moderator SFO Symposium Zeiss, Paris	2014
Moderator ISRS/AAO 'Refractive Surgery 2013: Perfecting Vision', AAO New Orleans, USA	2013
Clinical Advisory Panel for Zeiss Users, ESCRS Amsterdam, The Netherlands	2013
Panelist, A new Society in Europe: Opportunities vs Challenges, ACOS Cannes, France	2013
Panelist, What will Cataract Surgery be in 10 years? ACOS Cannes, France	2013
Moderator, Keratorefractive Presbyopia, ASCRS San Francisco, USA	2013
Panelist, Sally Letson Symposium, Ottawa, Canada	2012
Advisory Panelist, CZM Refractive Advisory Panel Meeting, ESCRS Milan, Italy	2012
Panelist, 'Keratorefractive Presbyopia', ASCRS Chicago, USA	2012
Chairman, CZM Lunch Symposium 'Innovations in Refractive Surgery', ESCRS, Paris	2010
Chairperson, Clinical Research Symposia 'High Definition Diagnostics & Imaging', ESCRS, Paris	2010
Panelist, 7 th Annual Anti-Ageing Conference, London, UK	2010

Chairperson, 'Refractive Surgery/Refraction 4', WOC, Berlin, Germany	2010
Chairman, Carl Zeiss Meditec Lunch Symposium, WOC, Berlin, Germany	2010
Moderator, Carl Zeiss Meditec Symposium on 'FLEX', ASCRS, Boston, USA	2010
Panelist, 'Keratorefractive Presbyopia, Inlays and Lasers', ASCRS, Boston, USA	2010
Moderator, Correct Diagnosis and Prevention of Complications, ESCRS, Barcelona, Spain	2009
Panelist, 'Keratorefractive: Presbyopia Alternatives', ASCRS San Francisco, USA	2009
Chairperson, 'New diagnostic techniques in refr surgery for preventing complications, WOC	2008
Panelist 'Keratorefractive LASIK Presbyopia and Flaps', ASCRS, Chicago, USA	2008
Carl Zeiss Meditec Refractive Laser Scientific Board Meeting, ESCRS	2008
Faculty, Sub-Specialty Day, Amer. Acad. of Ophthalmology, Ann. Meetg., New Orleans, USA	2007
Chairperson, 'Myopia/Keratorefractive Presbyopia', ESCRS, Stockholm	2007
Chairperson, Clin. Res. Symp: 'High res. ant. segmt. imagg. and biometry', ESCRS, Stockholm	2007
Panelist 'Keratorefractive: Epi-LASIK, Lasek, PRK", ASCRS Annual Meeting, San Diego	2007
Chairman, Carl Zeiss Innovation Symposium: Refractive Highlights, ASCRS, San Diego	2007
Chairman, Carl Zeiss Mel 80 International User Symposium, Singapore	2007
Presidente de la Mesa, Videocomplicaciones, Alicante Refractiva	2007
Panelist, Sub-Specialty Day, Amer. Academy of Ophthalmology, Annual Meeting, Las Vegas	2006
Panelist, ISRS/AAO Session 'Expanding frontier of refractive surgery', ESCRS, London	2006
Chairman, Carl Zeiss Innovation Symposia 'Refractive Highlights', ESCRS, London	2006
Chairperson, 'Phakic IOLs I', European Society of Cataract and Refractive Surgery, London	2006
Chairperson, 'What needs to be measured in refractive surgery?', ESCRS, London	2006
Panelist, American Society of Cataract and Refractive Surgery, Annual Meeting, San Francisco	2006
Faculty, Sub-Specialty Day, Amer. Academy of Ophthalmology, Ann. Meetg., Chicago, USA	2005
Moderator, 'Dynamic imaging of the anterior segment of the eye', ESCRS, Lisbon, Portugal	2005
Moderator, 'LASIK, phakic IOL and presbyopic surgery safety', ESCRS, Lisbon, Portugal	2005
Moderator, 'Refractive Wavefront', ASCRS, Annual Meeting, Washington, DC, USA	2005
Chairperson, Carl Zeiss Meditec Wavefront Symposium, ASCRS, Washington, DC, USA	2005
Moderator, Alicante Refractiva, Alicante, Spain	2005
Moderator, European Society of Cataract and Refractive Surgery, Rome, Italy	2005
Moderator, Carl Zeiss Meditec Symposium, ESCRS, Rome, Italy	2005
Faculty, Sub-Specialty Day, Amer. Academy of Ophthalmology, Ann. Meetg., New Orleans, USA	2004
Chairperson, Symposium 'Imaging Techniques Anterior Segment Eye', ESCRS, Paris, France	2004
Chairperson, Carl Zeiss Meditec Wavefront Symposium, ESCRS, Paris, France	2004
Moderator, 'Keratorefractive Surgery outcomes: hyperopia/presbyopia', ESCRS, Paris, France	2004
Chairperson, Carl Zeiss Wavefront Symposium, ASCRS, Annual Meeting, San Diego, USA	2004
Moderator, European Society of Cataract and Refractive Surgery, Munich, Germany	2003
Moderator, 'Refractive Wavefront', ASCRS, Annual Meeting, San Francisco, USA	2003
Panelist, Alicante Refractiva, Annual Meeting, Alicante, Spain	2003
Panelist, European Society of Cataract and Refractive Surgery, Winter Meeting, Rome, Italy	2003
Session Moderator (x2), International Society of Refractive Surgery, Orlando, USA	2002
Faculty, Sub-Specialty Day, American Academy of Ophthalmology, Ann. Meeting, Orlando, USA	2002
Panelist, European Society of Cataract and Refractive Surgery, Annual Meeting, Nice, France	2002
Panelist, American Society of Cataract and Refractive Surgery, Annual Meeting, Philadelphia	2002
Panelist, Int. Wavefront Congress, Interlaken, Switzerland	2002
Faculty, Sub-Specialty Day, American Academy of Ophthalmology, Ann. Meeting, New Orleans	2001
Session Panelist, World Refractive Surgery Symposium, ISRS, Orlando, FL, USA	2001
Session Panelist, Centro Mexicano de Cirugia Refractiva & ISRS, Ann. Meeting, Cancun, Mexico	2001
Session Panelist, American Soc. Cataract and Refractive Surgery Annual Meeting, San Diego	2001
American Institute of Ultrasound in Medicine, Scientific Program	2001
Review Committee Member, Archivos de la Sociedad Española de Oftalmología	2001
American Institute of Ultrasound in Medicine, Scientific Program	2000
Session Panelist, American Soc. Cataract and Refractive Surgery, Annual Meeting, Boston, USA	2000
American Institute of Ultrasound in Medicine, Scientific Program	1999
Session Moderator, LASIK Safety Issues, Assoc. Research in Vision and Ophth., Ann. Meeting	1999
American Institute of Ultrasound in Medicine, Scientific Program	1998

Session Panelist, International Society of Refractive Surgery Symposium, Minneapolis, USA	1997
American Institute of Ultrasound in Medicine, Scientific Program	1997
American Institute of Ultrasound in Medicine, Scientific Program	1996
American Institute of Ultrasound in Medicine, Scientific Program	1995
American Institute of Ultrasound in Medicine, Scientific Program	1994

D. MEDICAL LICENSURES

• Georgia State, USA (#048708) – [inactive]	01/2000
• British Columbia, Canada (#525822)	11/1999-11/2001
• Washington State, USA (#38080)	11/1999-present
• New Jersey, USA (#64947) – [inactive]	10/1996
• New York, USA (#204103)	08/1996-present
• United Kingdom (GMC #3339466)	08/1990-present

E. PROFESSIONAL MEMBERSHIPS

Liveryman of the Worshipful Company of Spectacle Makers	2009-present
Cambridge Graduates' Medical Society	2008-present
Royal Society of Medicine	2003-present
European Society of Cataract and Refractive Surgery	2002-present
British Medical Association	2002-present
American Academy of Ophthalmology	2001-present
International Society of Refractive Surgery	2001-present
American Society of Cataract and Refractive Surgery	2000-present
Pan-American Association of Ophthalmology	1997-present
Royal College of Physicians and Surgeons of Canada	1997-present
Mount Sinai School of Medicine Alumni Association	1997-present
Association for Research in Vision and Ophthalmology	1996-present
American Society of Ophthalmic Ultrasound	1996-present
General Medical Council	1990-1991, 1996-present
American Institute of Ultrasound in Medicine	1998-2002

F. HONORS, AWARDS AND PRIZES

• ISRS Presidential Recognition Award	2021
• ISRS Presidential Recognition Award	2020
• AAO Life Achievement Honor Award	2020
• ISRS Presidential Recognition Award	2020
• The Ophthalmologist, The Power List 2020 Award	2020
• Best Paper of Session Award, ASCRS, Los Angeles, USA (SMILE for Hyperopia)	2017
• International Society of Refractive Surgery's 2016 Recognition Award	2016
• The Ophthalmologist 2016 Power List, Laureat	2016
• Film 'Smile for me', 3 rd Place, Film Festival, Scientific Category, ESCRS Barcelona	2015
• UK's Best Workplaces (small category), 3 rd Place	2015
• UK's Best Workplaces (small category), 5 th Place	2014
• Video competition BRASCRS, Rio de Janeiro, Winner: Transepithelial phototherapeutic keratectomy after truncated LASIK flap and ablation; Producer: Dan Reinstein	2014
• EyeWorld News Service covering the ESCRS Amsterdam, Front Cover	2013
• Video competition AECOS, Cannes, Winner: Spot PTK for keratin plugging in Radial Keratotomy incisions; Producer: Dan Reinstein	2013

- UK's Best Workplaces (small category), 7th Place 2013
- Best Paper of Session Award, ASCRS, San Francisco (SMILE Biomechanics Model) 2013
- Kritzinger Memorial Award, ISRS Annual Meeting, AAO Chicago 2012
- UK's Best Workplaces (small category), 2nd Place 2012
- Best Paper of Session Award, ASCRS, San Diego (IOL Vault Height) 2011
- Best Paper of Session Award, ASCRS, Boston (Stereo Acuity in Laser Blended Vision) 2010
- Video competition Videocatarattarefrattiva, Milan, Winner: Presbyopic micro-monovision LASIK outcomes in myopia, hyperopia and emmetropia; Producer: Dan Reinstein 2009
- Film Festival 'New Techniques' ASCRS, Chicago, Winner: Presbyopic LASIK by Micro-monovision Using Increased Depth of Field from Nonlinear Aspheric Ablation Profiles; Producer: Dan Reinstein 2009
- Gusi Peace Prize, Philippine Committee, Recipient for 2008 2008
- Best Paper of Session Award, AAO, Atlanta (Refractive) 2008
- Best Paper of Session Award, ASCRS, Chicago (Refractive) 2008
- Waring Medal, Journal of Refractive Surgery, New York 2007
- Best Paper of Session Award, ASCRS, San Diego (Refractive) 2007
- Best Paper of Session Award, ASCRS, Washington (Refractive: Phakic IOLs) 2005
- Achievement Award, American Academy of Ophthalmology, Anaheim 2003
- Best Paper of Session Award, ISRS, Orlando (Centration of Hyperopic LASIK) 2001
- Best Paper of Session Award, ASCRS, Boston (Flap Buttonholes in LASIK) 2001
- Best Paper of Session Award, ASCRS, Boston (Hansatome Flap Consistency by 3D VHFU) 2000
- Castroviejo Cornea Society 1998 Fellows Award 1998
- Best Paper of Session Award, ASCRS, San Diego (Low contrast acuity in Hyperopic LASIK) 1998
- Best Paper of Session Award, ASCRS, San Diego (Anatomy of the flap in LASIK by HFU) 1998
- ISRS/Alcon Laboratories, Travel Fellowship Award 1997
- Paul Keyser International Scholar, Pan-American Assoc. Ophthalmology 1997
- National Eye Institute/ARVO Fellowship Grant 1994
- Allergan/Fisons Grant Award for Young Investigators 1993
- Allen Goldsmith Prize in Ophthalmology, University College London 1989
- Duke-Elder National Prize in Ophthalmology (Commended), UK 1989
- Rolleston Award for Clinical Elective, University of Cambridge 1988
- Roussel Essay Award for Clinical Elective, Roussel Laboratories 1988
- B.A. Honors degree, University of Cambridge 1984

G. PATENTS

1. **"System zue laserbasierten fehlsichtigkeitskorrektur und verfahren zu dessen ausrichtung" (System for laser-based ametropia correction and method for the alignment thereof)**
Hartmut Vogelsang, Dan Z. Reinstein, Christian Deutsch, Ingo Wundrich
German Patent No WO 2021/239606 A1. (December 2, 2021)
2. **"UV-laser basiertes system zur fehlsichtigkeitskorrektur und kontaktinterface" (UV-laser based system for ametropia correction and contact interface)**
Hartmut Vogelsang, Dan Z. Reinstein, Wolfgang Kern, Christian Deutsch, Claus Goder
German Patent No 10 2020 208 679. (November 25, 2021)
3. **"Device and procedure to treat presbyopia"**
Jackson Coleman, Dan Z. Reinstein, Manfred Dick
United States Patent Application No 20140066909.
United States Patent No 10,548,771, 2020. (February 4, 2020)

4. **"Eye surgical procedure"**
Matthias Wottke, Andre Narr, Dan Z. Reinstein
 United States Patent Application No 20140128855.
 United States Patent No 9,408,747, 2016. (August 9, 2016)
5. **"Method for increasing ocular depth of field"**
Dan Z. Reinstein, Hartmut Vogelsang, Michael Bergt
 United States Patent Application No 20120078239.
6. **"Method of performing refractive eye surgery centered along the visual axis of the human eye"**
Dan Z. Reinstein, Hartmut Vogelsang, Daniel R. Neal
 United States Patent Application No 20100114076.
 United States Patent No 8,444,632, 2013. (May 21, 2013)
7. **"Verfahren und Vorrichtung zum Ausbilden von Schnittflächen in einem transparenten Material" (Method and device for forming cut surfaces in a transparent material)**
Hartmut Vogelsang, Dan Z. Reinstein, Matthias Wottke, Andre Narr, Wilfried Bißmann
 German Patent No WO 2009/121593. (October 8, 2009)
8. **"Method for controlling a device for treating the human eye"**
Manfred Dick, Holger Mäusezahl, Dan Z. Reinstein, Eckhard Schröder, Hartmut Vogelsang
 United States Patent No 7,836,892, 2010. (November 23, 2010)
9. **"Head Support"**
Dan Z. Reinstein, Paul W. Taylor, Scott H. Phillips, Mark L. Foster, Adrian A. Van Wijk
 Canadian Patent Application CA 2299483
 Canada, Application No. 2,295,431, 2000-01-06
 United States, Canadian and PCT file # 82300-3/-5, 2002
 United States Patent Application No. 20020169460.
10. **"Method and Apparatus for Ultrasound Corneal Scanning"**
D. Jackson Coleman, Dan Z. Reinstein, Ronald H. Silverman
 Canadian Patent Application CA 2385889
 PCT Filing Number: PCT/US2000/027009
 International Publication No: WO2001/022886, 2002-03-18.
 United States Patent Application No 09/408,256, 1999-09-29.
 United States Patent No 6,315,727, 2001. (November 13, 2001)
11. **"Ophthalmological Ultrasonography Scanning Apparatus"**
Dan Z. Reinstein, Scott H. Phillips, Paul W. Taylor, Mark L. Foster
 Canadian Patent Application CA 2395203.
 PCT Filing Number: PCT/CA2001/000008
 International Publication No: WO2001/049181, 2002-07-02.
 Canadian Patent Application No 2,295,431, 2000-01-06.
 United States Patent No 6,887,203, 2002. (April 09, 2002)
12. **"Methods of Ocular Biometry"**
Dan Z. Reinstein
 Canadian Patent Application CA 2270273
 United States Patent Application No 60/128,568, 1999-04-09.
 United States Patent Application No 09/545,035, 2002.

13. **"Ophthalmic Apparatus"**
Scott H. Phillips, Dan Z. Reinstein, Mark L. Foster, Adrian A. Van Wijk, Paul W. Taylor
 Canadian Patent Application CA 2295431
14. **"Ultrasonic scanning of the eye using a stationary transducer"**
George Simoni, D. Jackson Coleman, Dan Z. Reinstein, David J. Najafi, Ronald H. Silverman
 Canadian Patent Application CA 2294363
 PCT Filing Number: PCT/US1998/010716, 1999-12-16
 United States Patent Application No 08/879,292, 1997-06-19
 United States Patent No 5,776,068, 1998. (November 29, 1998)
15. **"System and method for producing and maintaining parallel and vertical fixation of visual axis"**
Dan Z. Reinstein, Ronald H. Silverman, D. Jackson Coleman
 United States Patent No 5,369,454, 1994. (November 29, 1994)
16. **"System for ultrasonically determining corneal layer thickness and shape"**
Dan Z. Reinstein, Ronald H. Silverman, D. Jackson Coleman, Frederic L. Lizzi
 United States Patent No 5,293,871, 1994. (March 15, 1994)

H. RESEARCH SUPPORT AND PROSPECTIVE STUDIES

1. **NCT03841253 'Treatment of vision disturbances due to corneal irregularities by trans-epithelial optical phototherapeutic keratectomy (TE-oPTK)'**, started December 2019, Principal Investigator: Dan Z. Reinstein
2. **NCT03473847 'Repeatability, reproducibility and comparison of Cirrus OCT, RTVue OCT, MS-39 OCT, and Insight 100 VHFDU'**, started September 2019, Principal Investigator: Dan Z. Reinstein
3. **V1601CI 'Use of the VisuMax femtosecond laser lenticule removal procedure for the correction of hyperopia with or without astigmatism'**, started September 2017, Principal Investigator: Walter Sekundo
4. **NCT02528123 'VisuMax femtosecond laser small incision lenticule extraction for the correction of high myopia'**, started May 2016, Principal Investigator: Dan Z. Reinstein
5. **NCT02519985 'Repeatability and reproducibility of the ArcScan Insight 100 VHF digital ultrasound'**, started May 2016, Principal Investigator: Dan Z. Reinstein
6. **V1304CI 'Clinical investigation of ReLEx hismile with the VisuMax femtosecond laser system'**, started May 2014, Principal Investigator: Dan Z. Reinstein
7. **RO1/NIH 'Early detection of keratoconus'**, Department of Ophthalmology, Colombia University Medical Center, 9/30/09 to 8/31/14, Principal Investigator: Ronald H. Silverman, Co-Investigator: Dan Z. Reinstein, Annual sub-award: USD 75,000
8. **SBIR/NIH 'Three-dimensional ocular imaging using ultrasound'**, Department of Ophthalmology, Cornell University Weill Medical College, USD 5,100, April 2004 to March 2006, Principal Investigator: David Kynor (Creare, Inc.), Co-Investigator: Dan Z. Reinstein
9. **Research to prevent blindness**, Department of Ophthalmology, Cornell University Weill Medical College, Unrestricted, 1993-1997, Principal Investigator: Dan Z. Reinstein

10. **Dyson research fellowship**, Department of Ophthalmology, Cornell University Weill Medical College, USD 20,000, 1992 & 1993, Principal Investigator: Dan Z. Reinstein

I. CLINICAL AND RESEARCH FELLOWS TRAINED

1. Emma Cremonesi, MD
2. Sabong Srivannaboon, MD
3. Han Bor Fam, MD
4. Glenn Carp, MBBCh, FC Ophth(SA), CertLRS, PGDip CRS
5. Michael Tsatsos, MD, PhD
6. Poorna Abeyesiri, MBBS, MRCS, FRCOphth, M Med Ed
7. Merce Morral, MD, PhD
8. Kishore Pradhan, MD
9. Gerry Clare, BSc, MBBS, FRCOphth, MSc, PhD
10. Shashwat Dhungel, MD
11. Alastair Stuart, BMBS, FRCOphth, CertLRS, PGDip CRS
12. Alexander Day, PhD, FRCOphth, CertLRS, PGDip CRS
13. Niraj Mandal, BMBS

J. RESEARCH FELLOWS TRAINED

1. Timothy Archer, MA(Oxon), DipCompSci(Cantab), PhD
2. Darren Couch, BScOptom
3. Marine Gobbe, MST(Optom), PhD
4. Zach Dickeson, BA
5. Tim Buick, BSc, MSc, DiplPEM
6. Tim Yap, BMedSci(Hons), MBChB, MA, MRCP
7. Elena Bartoli, MD
8. Camille Yvon, MBBS FRCOphth
9. Tariq Lewis, MSci, ARCS, OMT
10. Max von Borch
11. Daria de Benedictis, MD
12. Raynan Khan, BSc
13. Mario Jukic, BSc
14. Elizabeth Rowe, BSc(Hons)
15. Louis Gobbe
16. Ryan Vida, OD, FAAO
17. Enrico Papallardo, BSc
18. Jake Finkel, MSc
19. Joseph Potter, BMedSc

K. INTERESTS, SKILLS AND HOBBIES

Music: Saxophones: Touring and performances at international jazz festivals in Europe, the US and Caribbean (1985 - 1993) with:

- "**Vital Information**" with: Steve Smith ([Journey](#)), Tom Coster ([Santana](#)), Kai Eckhardt ([John McLaughlin](#), [Billy Cobham](#)), Werner Gierig ([Najee](#), [Angela Bofill](#), [Will Downing](#), [Regina Carter](#))
- "**Night Dive**" with: Tom Barney ([Miles Davis](#), [Dave Sanborn](#)), Werner Gierig, Morris Pleasure ([George Duke](#), [Earth Wind & Fire](#)).
- Monthly concerts at London's 606 Club, Chelsea, "Dan Reinstein Quintet" 2001- present

Magic: A lifelong interest; specializing in close-up techniques.

Computing: Advanced user of Macintosh O/S, MS-DOS, Windows, UNIX and VMS (Vax, DEC) operating systems. Well versed in medical statistical analysis, Database Programming (Excel, FileMakerPro), Image Processing Software (Photoshop, NIH-Image), Basic HTML programming, Computer Graphics, Text Processors, Desktop Publishing.

L. BIBLIOGRAPHY

PUBLICATIONS IN PEER REVIEWED MEDICAL JOURNALS

1. **Navigated single-capture 3D and cross-sectional wide-field OCT of the mid and peripheral retina and vitreoretinal interface**
Journal of Refractive Surgery. 2021 [Epub ahead of print]
Paulo E. Stanga, Salvador Pastor-idoate, Ursula Reinstein, Pooja Vatas, Umangi Patel, Sander Dubovy, Dan Z. Reinstein, Ori Zahavi
2. **Visual outcomes, footplate position and vault achieved with the Visian implantable collamer lens for myopic astigmatism**
Clinical Ophthalmology. 2021 Nov;15:4485-4497
Dan Z. Reinstein, Timothy J. Archer, Ryan S. Vida
3. **Epithelial ingrowth after LASIK: September consultation**
Journal of Cataract and Refractive Surgery. 2021 Sep;47(9):1245
Alastair Stuart, Dan Z. Reinstein
4. **Cap recovery technique and double edge sign during small incision lenticule extraction**
Journal of Cataract and Refractive Surgery. 2021 Sep;47(9):1191-1195
Glenn I. Carp, Dan Z. Reinstein, Alastair Stuart, Ryan S. Vida, Timothy J. Archer, Jake N. Finkel
5. **Intraoperative swept-source OCT-based corneal topography for measurement and analysis of stromal surface after epithelial removal**
Journal of Refractive Surgery. 2021 Jul;37(7):484-492
Wen Zhou, Dan Z. Reinstein, Timothy J. Archer, Xiangjun Chen, To Paaske Utheim, Yue Feng, Aleksandar Stojanovic
6. **Postoperative corneal epithelial remodeling after intracorneal ring segment procedures for keratoconus: an optical coherence tomography study**
Journal of Refractive Surgery. 2021 Jun;37(6):404-413
Clémentine David, Dan Z Reinstein, Timothy J Archer, Sofiene Kallel, Ryan S Vida, Isabelle Goemaere, Roxanne Cuyaubère, Marie Borderie, Laurent Laroche, Vincent Borderie, Nacim Bouheraoua
7. **Coma influence on manifest astigmatism in coma-dominant irregular corneal optics**
Journal of Refractive Surgery. 2021 Apr;37(4):274-282
Wen Zhou, Filip Stojanovic, Dan Z. Reinstein, Timothy J. Archer, Xiangjun Chen, Yue Feng, Aleksandar Stojanovic
8. **Refractive surgery and beyond**
Eye (Lond). 2021 Feb;35(2):362-382
Marcus Ang, Damien Gatinel, Dan Z. Reinstein, Erik Mertens, Jorge L. Alio del Barrio, Jorge L. Alio
9. **Reply to comment on: Comparison of clinical outcomes between vector planning and manifest refraction planning in small-incision lenticule extraction for myopic astigmatism**

- Journal of Refractive Surgery. 2021 Jan;47(1):142-143 [letter]
Dan Z. Reinstein, Timothy J. Archer, David S. Y. Kang
10. **Distribution of pupil offset and angle kappa in a refractive surgery preoperative population of 750 myopic, emmetropic, and hyperopic eyes**
 Journal of Refractive Surgery. 2021 Jan;37(1):49-58
Dan Z. Reinstein, Timothy J. Archer, Elizabeth L. Rowe, Marine Gobbe, Ryan S. Vida
 11. **Presbyopic patient with hyperopia and moderately steep corneas: December consultation #4**
 Journal of Cataract and Refractive Surgery. 2020 Aug;46(12):1688
Alastair Stuart, Dan Z. Reinstein
 12. **Correction of moderate to high hyperopia with implantation of an allogeneic refractive lenticule**
 Journal of Refractive Surgery. 2020 Nov;36(11):772-779
Jiawei Wu, Lu Xiong, Zheng Wang, Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
 13. **Comparison of clinical outcomes between vector planning and manifest refraction planning in SMILE for myopic astigmatism**
 Journal of Cataract and Refractive Surgery. 2020 Aug;46(8):1149-1158
Ikhyun Jun, David S. Y. Kang, Samuel Arba-Mosquera, Dan Z. Reinstein, Timothy J. Archer, Seung K. Jean, Eung K. Kim, Kyoung Y. Seo, Hyung K. Lee, Tae-Im Kim
 14. **Epithelial implantation treatment after small-incision lenticule extraction**
 Journal of Cataract and Refractive Surgery. 2020 Apr;46(4):636-640
Paola Piccinini, Ryan S. Vida, Renato Piccinini, Irene Maiore, Timothy J. Archer, Glenn I. Carp, Dan Z. Reinstein
 15. **Suction stability management in SMILE: Incidence and outcomes of suction loss in 4,000 consecutive procedures**
 Acta Ophthalmologica. 2020 Feb;98(1):e72-e80
Dan Z. Reinstein, Timothy J. Archer, Ryan S. Vida, Glenn I. Carp
 16. **Corneal epithelial thickness mapping after photorefractive keratectomy for myopia**
 Journal of Refractive Surgery. 2019 Oct;35(10):632-641
Mohammad-Reza Sedaghat, Hamed Momeni-Moghaddam, Mehrdad Gazanchian, Dan Z. Reinstein, Timothy J. Archer, J. Bradley Randleman, Seyed Rafi Hosseini, Golshid Nouri-Hosseini
 17. **Femtosecond laser-assisted small incision sutureless intrastromal lamellar keratoplasty (SILK) for corneal transplantation in keratoconus**
 Journal of Refractive Surgery. 2019 Oct;35(10):663-671
Kishore R. Pradhan, Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer, Shashwat Dhungel, Purushottam Dhungana, Glenn I. Carp
 18. **Consultation section – Implantable collamer lens case**
 Journal of Cataract and Refractive Surgery. 2019 Sep;45(9):1358
H. Burkhard Dick, Dan Z. Reinstein
 19. **Transepithelial topography-guided ablation assisted by epithelial thickness mapping for treatment of regression after myopic refractive surgery**
 Journal of Refractive Surgery. 2019 Aug;35(8):525-533
Wen Zhou, Dan Z. Reinstein, Xiangjun Chen, Shihao Chen, Yangyang Xu, Tor Paaske Utheim, Aleksandar Stojanovic
 20. **Decentration measurements using Placido corneal tangential curvature topography and Scheimpflug tomography pachymetry difference maps after small-incision lenticule extraction**
 Journal of Cataract and Refractive Surgery. 2019 Aug;45(8):1067-1073

Byunghoon Chung, Hun Lee, Cynthia J. Roberts, David S. Y. Kang, Dan Z. Reinstein, Seung K. Jean, Eung K. Kim, Kyoung Y. Seo, Ikhyun Jun, Tae-im Kim

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Journal of Refractive Surgery. 2019 Jul;35(7):442-450
Kishore R. Pradhan, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Purushottam Dhungana
22. **Aborted SMILE due to false plane creation and strategy for subsequent removal based on corneal layered pachymetry imaging**
Journal of Cataract and Refractive Surgery. 2019 Jun;45(6):872-877 [video online]
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer, Glenn I. Carp
23. **Performing SMILE in a patient with high astigmatism and nystagmus - A Case Report**
Journal of Cataract and Refractive Surgery. 2019 Apr;45(4):515-518 [video online]
Dan Z. Reinstein, Timothy J. Archer, Ryan S. Vida, Glenn I. Carp
24. **Adjustment of spherical equivalent correction according to cap thickness for myopic small-incision lenticule extraction**
Journal of Refractive Surgery. 2019 Mar;35(3):153-160
Hun Lee, David S. Y. Kang, Dan Z. Reinstein, Cynthia J. Roberts, Renato Ambrosio Jr, Timothy J. Archer, Seung K. Jean, Eung K. Kim, Kyoung Y. Seo, Ikhyun Jun, Tae-im Kim
25. **Small incision lenticule extraction (SMILE) for hyperopia: 3 month refractive and visual outcomes**
Journal of Refractive Surgery. J Refract Surg. 2019 Jan;35(1):24-30
Dan Z. Reinstein, Kishore R. Pradhan, Glenn I. Carp, Timothy J. Archer, Alexander C. Day, Walter Sekundo, Purushottam Dhungana
26. **Methods for the study of near intermediate vision and accommodation: An overview of subjective and objective approaches**
Surveys in Ophthalmology. 2019 Jan-Feb;64(1):90-100
Veronica Vargas, Wolfgang Radner, Dan Z. Reinstein, Bruce Allan, Burkhard Dick, Jorge L. Alio
27. **Suction stability management in SMILE: Development of a decision tree for managing eye movements and suction loss**
Journal of Refractive Surgery. 2018 Dec;34(12):809-816
Dan Z. Reinstein, Timothy J. Archer, Ryan S. Vida, Glenn I. Carp
28. **Outcomes for hyperopic LASIK with the MEL 90 excimer laser**
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Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Alexander C. Day, Ryan S. Vida
29. **Enhanced tomographic assessment to detect corneal ectasia based on artificial intelligence**
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Bernardo T. Lopes, Isaac C. Ramos, Marcella Q. Salomao, Frederico P. Guerra, Steve C. Schallhorn, Julie M. Schallhorn, Riccardo Vinciguerra, Paolo Vinciguerra, Francis W. Price, Marianne O. Price, Dan Z. Reinstein, Timothy J. Archer, Michael W. Belin, Aydano P. Machado, Renato Ambrosio
30. **Incidence and outcomes of sterile multifocal inflammatory keratitis and diffuse lamellar keratitis after SMILE**
Journal of Refractive Surgery. 2018 Nov;34(11):751-759
Dan Z. Reinstein, Alastair J. Stuart, Ryan S. Vida, Timothy J. Archer, Glenn I. Carp
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33. **Outcomes of retreatment by LASIK after SMILE**
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34. **Analysis of cases and accuracy of 3 risk scoring systems in predicting ectasia after laser in situ keratomileusis**
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35. **Role of laser refractive surgery in cross-subsidization of nonprofit humanitarian eyecare and the burden of uncorrected refractive error in Nepal: Pilot project**
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36. **Variation of lenticule thickness for SMILE in low myopia**
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37. **Comparison of the distribution of lenticule decentration following SMILE by subjective patient fixation or triple marking centration**
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David S. Y. Kang, Hun Lee, Dan Z. Reinstein, Cynthia J. Roberts, Samuel Arba-Mosquera, Timothy J. Archer, Eung K. Kim, Kyoung Y. Seo, Tae-im Kim
38. **Comparing corneal higher-order aberrations in corneal wavefront-guided transepithelial photorefractive keratectomy versus small-incision lenticule extraction**
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Hun Lee, David S. Y. Kang, Dan Z. Reinstein, Samuel Arba-Mosquera, Eung K. Kim, Kyoung Y. Seo, Tae-im Kim
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Yong W. Ji, David S. Y. Kang, Dan Z. Reinstein, Timothy J. Archer, Jin Y. Choi, Eung K. Kim, Hyung K. Lee, Kyoung Y. Seo, Tae-im Kim
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Ophthalmology Times, October 2004
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Ophthalmology Times, September 2004
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Ocular Surgery News Europe/Asia-Pacific Edition, November 2003
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171. **ESCRS focus is on science of ophthalmology**
Ocular Surgery News US Edition, October 2003
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Ocular Surgery News Europe/Asia-Pacific Edition, October 2003
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175. **Wavefront valuable for LASIK enhancements, surgeon says**
Ocular Surgery News US Edition, September 2003
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Ophthalmology Times, July 2003
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183. **Wavefront valuable for LASIK enhancements, surgeon says**
Ocular Surgery News, February 2003
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184. **Studying response: Dynamic wavefront analysis reveals interesting activity in pseudophakic accommodation**
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189. **Dynamic aberrometry may help surgeons objectively measure accommodation**
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Cataract and Refractive Surgery Today, January 2002
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Ocular Surgery News US Edition, January 2002
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199. **Standard protocol: Myopic astigmatism is managed effectively with LASIK**
Ophthalmology Times, December 2001
200. **Myopic astigmatism is managed effectively with LASIK**
Modern Medicine, December 2001
<http://www.modernmedicine.com/modernmedicine/article/articleDetail.jsp?id=3146>
201. **Orbscan II**
Ophthalmic Case Consultations, November 2001
202. **Digital ultrasound could improve custom ablations**
OSN SuperSite, August 2001
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203. **What's down the road? A look at developments in wavefront, phakic IOLs and femtosecond technology**
Review of Ophthalmology, July 2001
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204. **Artemis VHF ultrasound device receives FDA approval**
Ocular Surgery News, June 2001
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205. **What corneal analysis can teach us**
Review of Ophthalmology, February 2001
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206. **Predictability of residual stromal thickness hinges on precision of instrumentation**
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207. **Industry news in brief**
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208. **An update on 3D ultrasound: Will this new technology carve a niche in refractive surgery?**
Review of Ophthalmology, November 2000
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Maxine Lipner
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210. **Inside LASIK: The low price of LASIK: Do discount fees mean cut-rate surgery?**
Eye World, August 2000
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Ocular Surgery News, July 2000
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212. **Wound healing in LASIK**
Eye World, July 2000
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213. **Refractive surgery: Researchers discuss importance of ICL vaulting**
Eye World, May 2000
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Eye World, May 2000
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215. **Wavefront technology: Reality beneath the hype**
Review of Ophthalmology, April 2000
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216. **What corneal analysis can teach us**
Review of Ophthalmology, February 2000
Walter Bethke, Arturo Chayet
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219. **How to attack post-cataract surprise**
Review of Ophthalmology, September 1999
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CONTRIBUTIONS TO PUBLICATIONS IN OPHTHALMIC PRESS

1. **OCT & OCTA Innovations: Discover the New Gold Standard**
PIE Magazine, September/October 2017
<http://piemagazine.org/>
2. **Pushing SMILE limits**
Eurotimes, July 2016
<http://www.eurotimes.org/node/2492>
3. **Guidelines for refractive surgery**
Cataract and Refractive Surgery Today Europe, April 2015
http://crstodayeurope.com/pdfs/0415CRSTEuro_F5_Guidlines.pdf
4. **Whatever happened to LASIK (volumes)?**
Cataract and Refractive Surgery Today Europe, April 2015
http://crstodayeurope.com/pdfs/0415CRSTEuro_F1_Daya.pdf
5. **Crosslinking and LASIK: Prophylaxis of the future?**
Eye World, June 2012
<http://www.eyeworld.org/article-crosslinking-and-lasik--prophylaxis-of-the-future->
6. **High Frequency Ultrasound**
Eurotimes, March 2011 (Philippe Sourdille)
www.eurotimes.org/newsitem.asp?id=2322
7. **Phakic IOLs Very High Frequency Ultrasound considered best for screening, sizing and follow-up**
Eurotimes, February 2011 (Jorge Alio)
www.eurotimes.org/newsitem.asp?id=2050
8. **I Chose a Wavefront Topography-Guided Ablation**
Cataract and Refractive Surgery Today Europe, August 2009 (Sabong Srivannaboon)
bmctoday.net/crstodayeurope/2009/08/article.asp?f=0709_18.php
9. **My Personal Account of Laser Blended Vision**
Cataract and Refractive Surgery Today Europe, August 2009 (Pait Teesalu)
bmctoday.net/crstodayeurope/2009/08/article.asp?f=0709_19.php

M. INVITED LECTURESHIPS, COURSES, LIVE SURGERY, VIDEOPRESENTATIONS

1. 'Application of Insight 100 VHF digital ultrasound'
Invited Speaker, 26th Congress of Chinese Ophthalmological Society
December, 20-23, 2021, Hybrid Meeting in Changsha, China
2. 'Advances in the early detection of keratoconus by epithelial mapping'
Invited Speaker, 29th Cologne Advent Symposium
December 4, 2021, Hybrid Meeting in Cologne, Germany
3. 'Therapeutic refractive surgery: Trans-epithelial PTK treatments'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 26, 2021

4. 'Therapeutic refractive surgery: Topography-guided custom treatments'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 26, 2021
5. 'Diagnostics: Anatomical cross-sectional imaging'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 26, 2021
6. 'Diagnostics: Applications of epithelial thickness mapping'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 26, 2021
7. 'Diagnostics: Aberrometry and quality of vision'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 26, 2021
8. 'Diagnostics: Topography and tomography'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 26, 2021
9. 'Management of black spots'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 21, 2021
10. 'Suction stability management'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 21, 2021
11. 'Management of false planes'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 21, 2021
12. 'Suction loss treatment wizard'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 21, 2021
13. 'Energy and spot spacing settings'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 19, 2021
14. 'Surgical technique for a routine SMILE procedure'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 19, 2021
15. 'Docking, centration and cyclotorsion control'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 19, 2021

16. 'Patient and laser preparation, hypnothesis, speculum, for SMILE'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 19, 2021
17. 'Unique aspects of SMILE'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 19, 2021
18. 'SMILE? What Then? – SMILE for hyperopia'
Course Faculty, American Academy of Ophthalmology
November 13-15, 2021, New Orleans, USA
19. 'A Step-by-Step Primer to Starting LASIK in 2021: The routine LASIK procedure'
Course Faculty, American Academy of Ophthalmology
November 13-15, 2021, New Orleans, USA
20. 'A Step-by-Step Primer to Starting SMILE in 2021: Black spots, OBL, femtosecond cutting'
Course Director, American Academy of Ophthalmology
November 13-15, 2021, New Orleans, USA
21. 'A Step-by-Step Primer to Starting SMILE in 2021: Docking and Centration'
Course Director, American Academy of Ophthalmology
November 13-15, 2021, New Orleans, USA
22. 'The anatomy of a corneal complication and treatment options for irregularly irregular astigmatism'
Course Director, American Academy of Ophthalmology
November 13-15, 2021, New Orleans, USA
23. 'Topography-guided custom ablation'
Course Director, American Academy of Ophthalmology
November 13-15, 2021, New Orleans, USA
24. 'Therapeutic Custom Ablation: My Pearls'
Invited Speaker, Refractive Surgery Subspecialty Day, American Academy of Ophthalmology
November 12, 2021, New Orleans, USA
25. 'Concept and mechanism of EDoF corneal presbyopic surgery'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 7, 2021
26. 'Review and comparison of available treatment options for presbyopia'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 7, 2021
27. 'Manifest refraction and binocular balance protocol'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 7, 2021
28. 'Modified binocular vision tolerance testing protocol'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 7, 2021

29. 'The importance of standardisation'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
30. 'Lasik flap creation'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
31. 'Surgical technique for a routine LASIK procedure'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
32. 'Management of microfolds'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
33. 'Management of epithelial ingrowth'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
34. 'Summary of intraoperative complications'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
35. 'Summary of postoperative complications'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
36. 'Expert considerations on surface procedures (PRK, LASEK, Epi-LASIK, transPRK)
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
November 5, 2021
37. 'Correction of high levels of irregular astigmatism with excimer laser'
Invited Keynote Speaker, Alicante Refractiva internacional, Curso Online
October 29, 2021, Alicante, Spain
38. 'What is the situation of Refractive Surgery today? Marketing vs Science'
Invited Keynote Speaker, Alicante Refractiva internacional, Curso Online
October 29, 2021, Alicante, Spain
39. 'Addressing presbyopia in the absence of cataract with the least effort and best visual outcomes'
Invited Speaker, Zeiss European Refractive User Meeting 2021
October 29-30, 2021, Oberkochen, Germany
40. 'How many engineers does it take to change a SMILE?'
Invited Speaker, Zeiss European Refractive User Meeting 2021
October 29-30, 2021, Oberkochen, Germany
41. 'VISUMAX 800 – Meet the Pioneers'
Invited Round Table Discussion, Zeiss European Refractive User Meeting 2021
October 29-30, 2021, Oberkochen, Germany

42. 'Presbyopia in the Absence of Cataract'
Invited Round Table Discussion, Zeiss European Refractive User Meeting 2021
October 29-30, 2021, Oberkochen, Germany
43. 'Lenticule Extraction with the new VISUMAX 800 SMILE Pro procedure'
Invited Life Surgery, Web Cataratta Refrattiva 2021 Virtual Congress Dr Buratto
October 23, 2021, Milan, Italy
44. 'Options and considerations for the correction of presbyopia in the absence of cataract'
Invited Speaker, Presbiopia 2021 Online Conference
October 22, 2021, Poland
45. 'MS 39: The Slit Lamp of the 21st Century to Grow your Refractive Practice'
Invited Speaker, CSO Symposium, ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
46. 'Therapeutic Refractive Surgery... Live! Bring Your Case!'
Course Director, ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
47. 'VISUMAX 800: Behind the Scenes'
Invited Speaker, Carl Zeiss Meditec Symposium
ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
48. 'Post-SMILE refinements'
Invited Speaker, ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
49. 'The future of therapeutic refractive surgery'
Course Director, ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
50. 'Complex aberrations: Irregularly irregular corneas'
Course Director, ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
51. 'Diagnosis in Therapeutic Refractive Surgery'
Course Director, ESCRS European Society of Cataract and Refractive Surgeons
October 8-11, 2021, Amsterdam, The Netherlands
52. 'Development and application of a formula to increase safety and predictability of ICL lens vault using Insight 100 VHF digital ultrasound'
Invited Speaker, Congres de Imagerie en Ophtalmologie, Hybrid Meeting
October 8, 2021, Paris
53. 'Chirurgie réfractive avancée, Lasik et PRK Expert et Correction de la Presbytie: Grand Rounds'
Course Director, London Vision Clinic, United Kingdom
October 1, 2021
54. 'Optimizing ICL Outcomes: Expert lens sizing and surgical technique'
Course Director, STAAR Surgical Virtual Course
September 17, 2021
55. 'Presbyond & Blended Vision'
Invited Zoom Interview, FacoeXtrema
September 9, 2021, Argentina

56. 'Considerations for cataract surgery maximising spectacle independence by EDoF'
Course Director, French CZM Presbyond Course
September 5, 2021, London Vision Clinic, Virtual Course
57. 'Lifetime corneal retreatment planning and retreatment technique'
Course Director, French CZM Presbyond Course
September 5, 2021, London Vision Clinic, Virtual Course
58. 'Postoperative management, counselling and adaptation'
Course Director, French CZM Presbyond Course
September 5, 2021, London Vision Clinic, Virtual Course
59. 'Modified binocular vision tolerance testing protocol'
Course Director, French CZM Presbyond Course
September 5, 2021, London Vision Clinic, Virtual Course
60. 'Review and comparison of available treatment options for presbyopia'
Course Director, French CZM Presbyond Course
September 5, 2021, London Vision Clinic, Virtual Course
61. 'Concept and mechanism of EDoF corneal presbyopic surgery'
Course Director, French CZM Presbyond Course
September 5, 2021, London Vision Clinic, Virtual Course
62. 'Expert considerations on surface procedures'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
63. 'Summary of postoperative complications'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
64. 'Summary of intraoperative complications'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
65. 'Management of epithelial ingrowth'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
66. 'Management of microfolds'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
67. 'Surgical technique for a routine LASIK procedure'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
68. 'LASIK flap creation'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
69. 'Epithelial thickness mapping for keratoconus screening'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course
70. 'The importance of standardisation'
Course Director, French CZM Presbyond Course
August 29, 2021, London Vision Clinic, Virtual Course

71. 'VisuMax Launch'
Invited Round Table Discussion, Carl Zeiss Meditec
August 18, 2021
72. 'Cambio de indicaciones de los lentes intraoculares difractivos en presbicia sin catarata – por lo que nos enseno la cornea'
Invited Keynote Lecture, XXVIII Congreso Peruano de Oftalmologia Virtual
August 11, 2021
73. 'Nueva formula de Sizing para la ICL haciéndola a prueba de balas'
Invited Lecture, XXVIII Congreso Peruano de Oftalmologia Virtual
August 11, 2021
74. '15-Year Cumulative Dynamic Retreatment Rate after LASIK, SMILE or Presbyond Laser Blended Vision stratified by Age and Refraction Correction'
Invited Speaker, ASCRS American Society of Cataract and Refractive Surgeons
Virtual Meeting
July 25, 2021
75. 'Applications of Insight 100 VHF digital ultrasound: Epithelial thickness mapping and ICL sizing'
Invited Speaker, ASCRS American Society of Cataract and Refractive Surgeons
Virtual Meeting
July 24, 2021
76. 'LVC for managing Presbyopia'
Invited Speaker, SASCERS South African Society of Cataract and Refractive Surgeons
Virtual Symposium
July 17, 2021
77. 'Evolution, Application and Future of SMILE'
Invited Speaker, SASCERS South African Society of Cataract and Refractive Surgeons
Virtual Symposium
July 17, 2021
78. 'Topography-guided custom ablation for primary and therapeutic cases with the Carl Zeiss Meditec Platform'
Course Invitation, Sinjab Academy Dubai Refractive Surgery Masterclass
July 11, 2021
79. 'Zeiss Sponsorship Video'
Video Presentation, AECOS American-European Congress of Ophthalmic Surgery
July 10, 2021
80. 'Presbyond'
Webinar Invitation, BSRS British Society for Refractive Surgery
July 10, 2021
81. 'Keratoconus'
Webinar Invitation, ArcScan Inc
July 8, 2021
82. 'ICL sizing and ICL applications'
Webinar Invitation, ArcScan Inc
July 8, 2021
83. 'Decision-Making Matrix: SMILE vs LASIK vs TransPRK vs ICL'
Webinar Invitation, INASCERS Indonesian Society of Cataract and Refractive Surgery
June 27, 2021

84. 'Optimizing SMILE energy settings to achieve excellent postop day 1 vision'
Webinar Invitation, INASCRS Indonesian Society of Cataract and Refractive Surgery
June 26, 2021
85. 'Treatment of presbyopia in the absence of cataract'
Webinar Invitation, INASCRS Indonesian Society of Cataract and Refractive Surgery
June 26, 2021
86. 'Therapeutic refractive surgery: Trans-epithelial PTK treatments'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 25, 2021
87. 'Therapeutic refractive surgery: Topography-guided custom treatments'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 25, 2021
88. 'Anatomical cross-sectional imaging'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 25, 2021
89. 'Applications of epithelial thickness mapping'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 25, 2021
90. 'Aberrometry and quality of vision'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 25, 2021
91. 'Topography and tomography'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 25, 2021
92. 'Presbyopia correction in the absence of cataract using PRESBYOND Laser Blended Vision on the Zeiss platform'
Course Invitation, Sinjab Academy Dubai Refractive Surgery Masterclass
June 20, 2021
93. 'Routine retreatment options after SMILE'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 20, 2021
94. 'Management of false planes'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 20, 2021
95. 'Suction stability management'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 20, 2021
96. 'Surgical technique for a routine SMILE procedure'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 18, 2021
97. 'Docking, centration and cyclotorsion control'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 18, 2021
98. 'Patient and laser preparation, hypnosis, speculum, for SMILE'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 18, 2021

99. 'Unique aspects of SMILE'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 18, 2021
100. 'Modified binocular vision tolerance testing protocol'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 13, 2021
101. 'Manifest refraction and binocular balance protocol'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 13, 2021
102. 'Review and comparison of available treatment options for presbyopia'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 13, 2021
103. 'Concept and mechanism of EDoF corneal presbyopic surgery'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 13, 2021
104. 'Expert considerations on surface procedures (PRK, LASEK, Epi-LASIK, transPRK)'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 11, 2021
105. 'Management of microfolds'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 11, 2021
106. 'Surgical technique for a routine LASIK procedure'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 11, 2021
107. 'Lasik flap creation'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 11, 2021
108. 'Epithelial thickness mapping for keratoconus screening'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 11, 2021
109. 'The importance of standardisation'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
June 11, 2021
110. 'Treatment of Presbyopia in the absence of cataract' – 'Traitement de la presbytie en l'absence de cataracte'
Webinar Invitation, Enseignement de Chirurgie Refractive, Laurent Laroche
May 29, 2021
111. 'SMILE'
Webinar Invitation, Enseignement de Chirurgie Refractive, Laurent Laroche
May 29, 2021
112. 'Introduccion a la CRT Cirugia Refractiva Terapeutica'
Webinar Invitation, Curso de Cirugia Refractiva Terapeutica
SECOIR 2021, Spanish Society of Implant-Refractive Ocular Surgery
May 19, 2021

113. 'One on One: The Role of the Epithelium in Refractive Surgery' – 'One on One: El rol del epitelio en la cirugía refractiva'
Webinar Invitation, Cursos de Actualización del Centenario – SAO 2021, Argentine Society of Ophthalmology
May 8, 2021
114. 'Presbyond'
Webinar Invitation, Carl Zeiss Meditec South Africa
April 29, 2021
115. 'Corneal Shape, biomechanics and latest research on epithelium'
Webinar Invitation, Hull University Regional Corneal Teaching Session
April 20, 2021
116. 'Arcscan et Implants Phiques'
Webinar Invitation, VuExplorer Institute France, Cours Echographie, UBM et Biometrie
March 27, 2021
117. 'What is the advantage of leaving the cornea stronger with SMILE?'
Webinar Invitation, TAO Taiwan Academy of Ophthalmology, Spring Scientific Webinar Meeting
March 21, 2021
118. 'SMILE or PRK in the presence of mild dry eye disease?'
Webinar Invitation, TAO Taiwan Academy of Ophthalmology, Spring Scientific Webinar Meeting
March 21, 2021
119. 'Presbyopic Patients – A challenge for my practice?'
Webinar Invitation, CZM Young Ophthalmologists Webinar Series
March 12, 2021
120. 'PRESBYOND'
Webinar Senior Instructor, Presbyond Grand Rounds Session in Spanish for LATAM and Spain
February 19, 2021
121. 'Essentials of the benefits of SMILE and when not to choose it as a primary procedure'
Webinar Invitation, RSA Refractive Surgery Alliance Webinar Series
February 13, 2021
122. 'Hypothesis in Refractive Surgery'
Webinar Invitation, RSA Refractive Surgery Alliance Webinar Series
February 13, 2021
123. 'Personality Traits and Skills for the Refractive Surgeon'
Webinar Invitation, RSA Refractive Surgery Alliance Webinar Series
February 13, 2021
124. 'Customized procedure selection for LVC Patients'
Webinar Invitation, CZM Young Ophthalmologists Webinar Series
February 12, 2021
125. 'Correction options for Presbyopia in commercial and military aviators requiring Class 1 Medical Certification'
Webinar Invitation, Keynote Lecture, ISOP International Society of Presbyopia
January 13, 2021
126. 'Refractive Surgery: Worldwide Perspective – The Implantable Collamer Lens ICL: Optimizing Safety'
Virtual Lecture Invitation, BSCO Basic Science Course in Ophthalmology, Columbia University
January 8, 2021, New York, USA

127. 'Refractive Surgery: Worldwide Perspective – Topography-guided Treatment'
Virtual Lecture Invitation, BSCO Basic Science Course in Ophthalmology, Columbia University
January 8, 2021, New York, USA
128. 'Refractive Surgery: Worldwide Perspective – Epithelial thickness mapping for keratoconus screening'
Virtual Lecture Invitation, BSCO Basic Science Course in Ophthalmology, Columbia University
January 8, 2021, New York, USA
129. 'Why refractive surgeons received PRESBYOND on their own eyes'
Webinar Invitation, SMILE Forum of the Shanghai EENT Hospital
January 2, 2021
130. 'From discovery to clinical application: VHF digital ultrasound corneal and anterior segment biometry for setting a new gold standard in keratoconus screening, complex cornea analysis and ICL sizing'
Webinar Invitation, ArcScan Insight
December 17, 2020
131. 'Why I started Phakic lens procedure in my own clinic'
Webinar Invitation, Biotech Phakic User Meeting India
December 11, 2020
132. 'Therapeutic refractive surgery: Trans-epithelial PTK treatments'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
December 4, 2020
133. 'Therapeutic refractive surgery: Topography-guided custom treatments'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
December 4, 2020
134. 'Diagnostics: Anatomical cross-sectional imaging'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
December 4, 2020
135. 'Diagnostics: Applications of epithelial thickness mapping'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
December 4, 2020
136. 'Diagnostics: Aberrometry and quality of vision'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
December 4, 2020
137. 'Diagnostics: Topography and tomography'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
December 4, 2020
138. 'Management of intraoperative complications'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 29, 2020
139. 'Management of false planes'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 29, 2020
140. 'Management of black spots'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 29, 2020
141. 'Energy and spot spacing settings'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 27, 2020

142. 'Surgical technique for a routine SMILE procedure'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 27, 2020
143. 'Docking, centration and cyclotorsion control'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 27, 2020
144. 'Patient and laser preparation, hypnothesis, speculum, for SMILE'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 27, 2020
145. 'Treatment planning and parameter selection for SMILE'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 27, 2020
146. 'Is biomechanical stability the reason for choosing SMILE?'
Webinar Invitation, Annual Conference, Bangladesh Society of Cataract & Refractive Surgeons
November 27, 2020
147. 'Lifetime corneal retreatment planning and retreatment technique'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 22, 2020
148. 'Postoperative management, counselling and adaptation'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 22, 2020
149. 'Review and comparison of available treatment options for presbyopia'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 22, 2020
150. 'Concept and mechanism of EDoF corneal presbyopic surgery'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 22, 2020
151. 'Treatment of Presbyopia in the absence of Cataract'
Webinar Invitation, HOA Vista 2020 Meeting Hyderabad, India
November 22, 2020
152. 'SMILE Small Incision Lenticule Extraction'
Webinar Invitation, RSA Refractive Surgery Alliance, Resident Lecture Series
November 21, 2020
153. 'Expert considerations on surface procedures (PRK, LASEK, Epi-LASIK, transPRK)'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020
154. 'Summary of intraoperative complications'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020
155. 'Management of epithelial ingrowth'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020
156. 'Management of microfolds'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020

157. 'Surgical technique for a routine LASIK procedure'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020
158. 'Lasik flap creation'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020
159. 'The importance of standardisation'
Course Instructor, FRSC Forefront Refractive Surgery Course, London Vision Clinic
November 20, 2020
160. 'A step-by-step primer to starting LASIK in 2020'
Course Faculty, AAO Academy of Ophthalmology Annual Virtual Meeting
November 14-15, 2020
161. 'Therapeutic corneal refractive surgery'
Course Instructor, AAO Academy of Ophthalmology Annual Virtual Meeting
November 14-15, 2020
162. 'A step-by-step primer to starting SMILE in 2020'
Course Instructor, AAO Academy of Ophthalmology Annual Virtual Meeting
November 14-15, 2020
163. 'Presbyopic LASIK'
Invited Speaker, Subspecialty Day, AAO Academy of Ophthalmology Annual Virtual Meeting
November 13, 2020
164. 'Refractive Options for Treating Patients with Keratoconus'
Webinar Invitation, West Midlands Deanery Regional Study Day
November 12, 2020
165. 'La importancia de la estandarización en cirugía (The importance of standardization)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
166. 'Prevención y manejo de micro-pliegues (Prevention and management of microfolds)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
167. 'Manejo del crecimiento epitelial (Management of epithelial ingrowth)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
168. 'Concepto y mecanismo de PRESBYOND® Laser Blended Vision (Concept and mechanism of PRESBYOND® Laser Blended Vision)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
169. 'Revisión y comparación de las opciones de tratamiento disponibles para la presbicia (Review and comparison of available treatment options for presbyopia)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
170. 'Protocolo de refracción manifiesta y equilibrio binocular (Manifest refraction and binocular balance protocol)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020

171. 'Protocolo de "prueba de tolerancia Reinstein" a la visión binocular modificado (Modified binocular vision tolerance testing protocol)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
172. 'Manejo, asesoramiento y adaptación posoperatorios (Postoperative management, counselling, and adaptation)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
173. 'Técnica de retratamiento y planificación del retratamiento corneal de por toda la vida (Lifetime corneal retreatment planning and retreatment technique)'
Webinar Invitation, Spanish PRESBYOND Course
November 5, 6 and 8, 2020
174. 'Therapeutic refractive surgery... live! Bring your case!'
Course Director, ESCRS Virtual Congress, European Society of Cataract and Refractive Surgeons
October 2-4, 2020
175. 'Artificial intelligence modelling of epithelial behaviour to improve accuracy of corneal excimer laser surgery'
Invited Speaker, ISRS Symposium, ESCRS Virtual Congress
European Society of Cataract and Refractive Surgeons
October 2-4, 2020
176. 'Lenticule extraction or implantation for hyperopia: what will be the future'
Invited Speaker, Clinical Research Symposium, ESCRS Virtual Congress
European Society of Cataract and Refractive Surgeons
October 2-4, 2020
177. 'Therapeutic corneal refractive surgery: achieving excellent outcomes in complications after LASIK or PRK'
Course Director, ESCRS Virtual Congress, European Society of Cataract and Refractive Surgeons
October 2-4, 2020
178. 'ICL Sizing made safer and more accurate by VHF digital ultrasound robotic scanning'
Webinar Invitation, Congreso Sao Del Centenario, Simposia 'Transpandemic Refractive Surgery'
September 7, 2020, Argentina
179. 'Treatment of presbyopia in the absence of cataract'
Webinar Invitation, Carl Zeiss User Meeting
September 4, 2020
180. 'Ask the Professor: Topography-guided treatments II: Programming considering vector analysis of ocular internal astigmatism'
GoTo Meeting Invitation, APAC
August 3, 2020
181. 'Refractive Revival: What Patients Need and Want Post COVID-19... What worries me'
Webinar Invitation, AECOS Summer Webinar Series
July 25, 2020
182. 'PRESBYOND as a solution for avoiding clear lens exchange in younger presbyopic patients and delivering spectacle independence in pseudophakic patients'
Webinar Invitation, Congreso Sao Del Centenario, Presbicia Simposia
July 17, 2020, Argentina

183. 'Management of irregular astigmatism by trans-epithelial PTK'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
July 7, 2020
184. 'Management of irregular astigmatism by topography-guided custom ablation'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
July 7, 2020
185. 'Modern diagnostics in refractive surgery: Epithelial, stromal, and corneal'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
July 7, 2020
186. 'Ask the Professor: Topography Guided Treatments I: Preoperative and Diagnostic Considerations'
GoTo Meeting Invitation, APAC
July 6, 2020
187. 'Management of false planes'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 30, 2020
188. 'Routine retreatment options after SMILE'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 30, 2020
189. 'Standardisation in Surgery, Treatment planning and parameter selection for SMILE'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 23, 2020
190. 'Patient and laser preparation, hypnothesis, speculum, for SMILE'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 23, 2020
191. 'Docking, centration and cyclotorsion control'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 23, 2020
192. 'Surgical technique for a routine SMILE procedure'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 23, 2020
193. 'Concept and mechanism of EdoF corneal presbyopic surgery'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 16, 2020
194. 'Review and comparison of available treatment options for presbyopia'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 16, 2020

195. 'Lifetime corneal retreatment planning and retreatment technique'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 16, 2020
196. 'The importance of standardisation'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 9, 2020
197. 'Lasik flap creation'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 9, 2020
198. 'Surgical technique for a routine LASIK procedure'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 9, 2020
199. 'Management of microfolds'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 9, 2020
200. 'Summary of intraoperative complications'
Forefront Refractive Surgery Course: LASIK, Presbyopia Correction & SMILE
Webinar Course, London Vision Clinic
June 9, 2020
201. 'The Corneal Epithelium: a roll in corneal surgery that is far from superficial'
Zoom Invitation, Oftalmosalud Peru
June 8, 2020
202. PRESBYOND: A new frontier in the correction of presbyopia'
Webinar Invitation, Carl Zeiss Meditec Brazil
May 29, 2020
203. 'Ask the Professor'
Webinar Invitation, Carl Zeiss Meditec USA RAMs
May 28, 2020
204. 'Ask the Professor'
Webinar Invitation, Carl Zeiss Meditec EU-ME-Asia CAS
May 28, 2020
205. 'Professor Dan Reinstein and the London Vision Clinic Forefront Refractive Surgery Course Team'
Webinar Invitation, Special Advanced Refractive Surgery Seminar
King Khalid Eye Specialty Hospital
May 26, Riyadh, Saudi Arabia
206. 'Talking about PRESBYOND'
Webinar Invitation, Carl Zeiss Meditec Brazil
May 19, 2020
207. 'Choosing the optimal procedure for primary refractive surgery'
Webinar Invitation, ASCRS, Zeiss Refractive Symposium
May 16-17, 2020, Boston, USA

208. 'Centration of refractive surgical procedures and SMILE technique'
Webinar Invitation, ASCRS, Zeiss Refractive User Meeting
May 16-17, 2020, Boston, USA
209. 'LASIK for presbyopia correction in emmetropic patients using aspheric ablation profiles and a micromonovision protocol with the Carl Zeiss Meditec MEL 80 and VisuMax'
Webinar Invitation, Refractive Surgery Alliance, RSA Journal Club – Authors and Experts
May 13, 2020
210. 'Routine retreatment options after SMILE'
Webinar Course, London Vision Clinic
April 28-29, 2020
211. 'Management of intraoperative false planes'
Webinar Course, London Vision Clinic
April 28-29, 2020
212. 'Surgical technique for a routine SMILE procedure'
Webinar Course, London Vision Clinic
April 28-29, 2020
213. 'Docking, centration and cyclotorsion control in SMILE'
Webinar Course, London Vision Clinic
April 28-29, 2020
214. 'Patient and laser preparation for SMILE'
Webinar Course, London Vision Clinic
April 28-29, 2020
215. 'Treatment planning and a parameter selection for SMILE'
Webinar Course, London Vision Clinic
April 28-29, 2020
216. 'Standardisation in Refractive Surgery'
Webinar Course, London Vision Clinic
April 28-29, 2020
217. 'What does ultrasound bring to improving ICL sizing'
Webinar Invitation, Oftalmo University Mexico
April 24, 2020
218. 'PRESBYOND after cataract surgery'
Webinar Invitation, Zeiss Argentina
April 20, 2020
219. 'Everything you wanted to know about the Epithelium but you didn't realise you wanted to know it'
Webinar Invitation, Oftalmo University Mexico
April 17, 2020
220. 'Decision-making matrix – SMILE vs Topo-guided LASIK vs Trans PRK vs ICL'
Webinar Invitation, Carl Zeiss Meditec
April 16, 2020
221. 'Bringing satisfaction to the unhappy patient post-PRESBYOND'
Webinar Invitation, Optegra
April 15, 2020
222. 'SMILE'
7x Webinar Invitations, Carl Zeiss Meditec USA
April 13-17, 2020

223. 'Understanding Ocular Wavefront Aberrations'
Webinar Invitation, Optegra
April 9, 2020
224. 'TransPRK vs LASIK vs Guiado-por-topografia vs Guiado-por-frente-de-onda vs SMILE?'
Webinar Invitation, Oftalmo University Mexico
April 8, 2020
225. 'Past, present and future of achieving optimal predictability for ICL sizing'
Webinar Invitation, King Khaled Eye Specialist Hospital Saudi Arabia
March 31, 2020
226. 'Application of Presybond in your practice'
Webinar Invitation, Optegra
March 20, 2020
227. 'Basics of SMILE'
Invited Speaker, RCO Course on 'Refractive and Challenging Cataract Surgery – All you need to know'
February 12, 2020, London, United Kingdom
228. 'Vector Analysis and the Alpsin' Calculators'
Webinar Invitation, ISRS Webinar Task Force
January 21, 2020
229. 'Expert management of LASIK complications: Microfolds and epithelial ingrowth'
Invited Speaker, BSCO Basic Science Course in Ophthalmology, Columbia University New York
January 11, 2020, New York, USA
230. 'The pros and cons of small incision lenticule extraction (SMILE)'
Invited Speaker, BSCO Basic Science Course in Ophthalmology, Columbia University New York
January 11, 2020, New York, USA
231. 'The basics of phakic IOL surgery and methods for choosing the optimal lens size'
Invited Speaker, BSCO Basic Science Course in Ophthalmology, Columbia University New York
January 11, 2020, New York, USA
232. 'The importance of epithelial thickness measurement in refractive surgery'
Invited Speaker, BSCO Basic Science Course in Ophthalmology, Columbia University New York
January 11, 2020, New York, USA
233. 'Refractive Enhancement Techniques after SMILE'
Invited Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA
234. 'Difficult Lenticule Extraction'
Invited Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA
235. 'Managing Suction Breaks'
Invited Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA
236. 'Optimizing Laser Energy Level'
Invited Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA
237. 'The Standard Technique for Lenticule Removal'
Invited Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA

238. 'A new formula for ICL sizing'
Invited Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA
239. 'Taking it to the next level: Keratoconus detection with epithelial mapping'
Keynote Speaker, MRSSS Military Refractive Surgery Safety and Standards Symposium
January 9, 2020, San Diego, USA
240. 'Epithelial Mapping'
Invited Speaker, MCLOSA
November 29, 2019, London, United Kingdom
241. 'Topography and tomography'
Invited Speaker, MCLOSA
November 29, 2019, London, United Kingdom
242. 'Therapeutic refractive surgery workshop'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
243. 'Management of false plane creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
244. 'Suction stability management'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
245. 'The standard protocol SMILE procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
246. 'Docking, centration and cyclotorsion control'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
247. 'Patient and laser preparation for SMILE'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
248. 'ICL sizing by VHF digital ultrasound'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
249. 'Lifetime treatment planning'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
250. 'PRESBYOND tolerance testing'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom

251. 'Trends in multifocality for the treatment of presbyopia'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
252. 'Monovision, modified monovision and PRESBYOND Laser Blended Vision'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
253. 'Microfold prevention and management'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
254. 'The standard protocol LASIK procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
255. 'Lasik flap creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
256. 'The importance of standardization'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 21-24, 2019, London, United Kingdom
257. 'A Step-by-Step Primer to Starting SMILE in 2019'
Course Instructor, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
258. 'Advanced Diagnostics in Refractive Surgery, Epithelial Mapping and Phakic IOL Sizing'
Invited Speaker, ISRS Symposium, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
259. 'Indications for SMILE vs LASIK vs PRK'
Course Instructor, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
260. 'Therapeutic Corneal Refractive Surgery'
Course Faculty, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
261. 'The Routine Lasik Procedure'
Course Faculty, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
262. 'Paradigm Shift in ICL Sizing'
Invited Speaker, Arcscan Booth, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
263. 'Aberrometry with Osiris: resolution matters'
Invited Speaker, CSO Booth, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
264. 'Applications of epithelial thickness mapping'
Invited Speaker, CSO Booth, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA

265. 'Topography or Wavefront-Guided LASIK vs SMILE for Myopia'
Invited Speaker, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
266. 'Managing SMILE Complications'
Course Faculty, AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
267. 'Complications on SMILE'
Invited Speaker, ISRS Symposium Refractive Session
ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
268. 'The Surgeon's Guide to SMILE: Complications and Retreatments'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
269. 'Therapeutic Refractive Surgery ...Live! Bring your case!'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
270. 'Early quantitative and qualitative keratoconus diagnosis and progression criteria utilizing a combination of modern cornea diagnostics'
Course Faculty, ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
271. 'SMILE, transepithelial PRK and topography-guided treatments with Zeiss technology: Where do lens options fit in - ICL and CLE?'
Invited Speaker, Carl Zeiss Meditec Meet the Experts
ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
272. 'SMILE, transepithelial PRK and topography-guided treatments with Zeiss technology: Discussion/Q&A on topography-guided treatments'
Invited Speaker, Carl Zeiss Meditec Meet the Experts
ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
273. 'SMILE, transepithelial PRK and topography-guided treatments with Zeiss technology: Topography-guided treatments with the MEL90'
Invited Speaker, Carl Zeiss Meditec Meet the Experts
ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
274. 'SMILE, transepithelial PRK and topography-guided treatments with Zeiss technology: Summary of available treatment options'
Invited Speaker, Carl Zeiss Meditec Meet the Experts
ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
275. 'Evaluating options in today's refractive surgery for my individual patient'
Invited Speaker, Zeiss Refractive Lunch Symposium
ESCRS European Society of Cataract and Refractive Surgeons,
September 14-17, 2019, Paris, France
276. '9mm ETM in Keratoconus Detection'
Invited Speaker, Optovue Symposium
ESCRS European Society of Cataract and Refractive Surgeons,
September 14-17, 2019, Paris, France

277. 'Therapeutic corneal refractive surgery: achieving excellent outcomes in complications after LASIK or PRK'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgeons
September 14-17, 2019, Paris, France
278. 'Applications in Epithelial Thickness Mapping'
Invited Speaker, CSO Booth Presentation at ESCRS
September 14-17, 2019, Paris, France
279. 'The Ebb and Flow of Presbyopic Correction'
Invited Keynote Speaker, ISOP International Society of Presbyopia
September 13, 2019, Paris, France
280. 'Very High Frequency (VHF) Ultrasound to improve the safety of ICL sizing'
Invited Speaker, ALACCSA Colombian Cornea Society Meeting
August 23-24, 2019, Bogota, Colombia
281. 'Presbyopia Debate on best procedure for a patient 50-60 with no cataract and normal quality of vision: Lens surgery or Corneal Surgery?'
Invited Speaker, ALACCSA Colombian Cornea Society Meeting
August 23-24, 2019, Bogota, Colombia
282. 'SMILE: Fake News and True Stories'
Invited Speaker, ALACCSA Colombian Cornea Society Meeting
August 23-24, 2019, Bogota, Colombia
283. 'The Corneal Epithelium: An Essential Component in Diagnosis before any Corneal Refractive Surgery'
Invited Speaker, ALACCSA Colombian Cornea Society Meeting
August 23-24, 2019, Bogota, Colombia
284. 'PRESBYOND for low myopia: my own eyes'
Invited Speaker, Carl Zeiss Meditec User Meeting
June 21-23, 2019, Madrid, Spain
285. 'Meet the Experts: Scientific justification for transepithelial PRK, topography guided LASIK treatments and SMILE'
Invited Speaker, Carl Zeiss Meditec User Meeting
June 21-23, 2019, Madrid, Spain
286. 'Can we domesticate Wolf?'
Invited Speaker, Carl Zeiss Meditec User Meeting
June 21-23, 2019, Madrid, Spain
287. 'LASIK flap creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
288. 'The standard protocol LASIK procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
289. 'Microfold prevention and management'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom

290. 'Monovision, modified monovision and PRESBYOND Laser Blended Vision'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
291. 'Trends in multifocality for the treatment of presbyopia'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
292. 'PRESBYOND tolerance testing'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
293. 'Patient and laser preparation for SMILE'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
294. 'Docking, centration and cyclotorsion control'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
295. 'The standard protocol SMILE procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
296. 'Suction stability management in SMILE'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
297. 'Management of false plane creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
June 13-16, 2019, London, United Kingdom
298. 'Therapeutic refractive surgery workshop'
Course Director, SMILE Wet Labs & Workshops
London Vision Clinic
June 13-16, 2019, London, United Kingdom
299. 'ICL Sizing by VHF Digital Ultrasound: A New Posterior Chamber Based Algorithm'
Invited Speaker, AECOS
June 6-9, 2019, Sitges, Spain
300. 'Keynote Speech: The Corneal Epithelium in Refractive Surgery and Epistrom – The Future of Predictive Modelling for Therapeutic Refractive Surgery'
Invited Speaker, AECOS
June 6-9, 2019, Sitges, Spain
301. 'Refractive Surgeon's Approach to Post-Keratoplasty Astigmatism'
Invited Speaker, Brighton Cornea Course
May 31 -June 2, 2019, Brighton, United Kingdom

302. 'Measurement of corneal shape and refractive surgery'
Invited Speaker, Brighton Cornea Course
May 31 -June 2, 2019, Brighton, United Kingdom
303. 'Therapeutic Refractive Surgery'
Keynote Lecture, Invited Speaker, UKISCRS
May 20, 2019, Glasgow, United Kingdom
304. 'PRESBYOND vs Clear Lens Exchange'
Invited Discussion, UKISCRS
May 20, 2019, Glasgow, United Kingdom
305. 'SMILE vs LASIK'
Invited Discussion, UKISCRS
May 20, 2019, Glasgow, United Kingdom
306. 'SMILE Complications'
Invited Speaker, SMILE Course, ASCRS American Society of Cataract and Refractive Surgery
May 2-5, 2019, San Diego, USA
307. 'SMILE Questions and Answers'
Invited Discussion, SMILE US Surgeon Dinner, ASCRS
May 2-5, 2019, San Diego, USA
308. 'SMILE Testimonial Story – The Surgeon's Guide to SMILE'
Invited Speaker, Zeiss Booth, ASCRS
May 2-5, 2019, San Diego, USA
309. 'An Overview of Presbyopic Corneal Laser Refractive Surgery: Past and Present'
Invited Speaker, ISRS Webinar 'Cornea vs Lens-based Correction of Presbyopia'
April 2019
310. 'PRESBYOND Laser Blended Vision'
Invited Skype Presentation, Horizon Vision Group Annual Meeting
April 13, 2019, Saskatoon, Canada
311. 'Small-Incision Lenticule Extraction (SMILE)'
Invited Skype Presentation, Horizon Vision Group Annual Meeting
April 13, 2019, Saskatoon, Canada
312. 'PRESBYOND – Meet the Expert'
Invited Speaker, PRESBYOND Launch & Optegra Poland 20th Anniversary
March 23-24, 2019, Warsaw, Poland
313. 'Complication Management OR Laser Blended Vision'
Invited Speaker, GSCRS - Congress of the German Society of Cataract and Refractive Surgeons
February 15-16, 2019, Berlin, Germany
314. 'Introduction to PRESBYOND'
Invited Speaker, Workshop PRESBYOND
GSCRS - Congress of the German Society of Cataract and Refractive Surgeons
February 15-16, 2019, Berlin, Germany
315. 'PRESBYOND: How it works'
Invited Speaker, Workshop PRESBYOND
GSCRS - Congress of the German Society of Cataract and Refractive Surgeons
February 15-16, 2019, Berlin, Germany
316. 'A surgeon's perspective of Carl Zeiss Meditec in refractive surgery'
Invited Speaker, Carl Zeiss Meditec Analyst Event
December 7, 2018, London, United Kingdom

317. 'SMILE femto refractive surgery'
Invited Speaker, Excimer Laser Course, Moorfields Eye Hospital
November 28, 2018, London, United Kingdom
318. 'LASIK flap creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
319. 'The standard protocol LASIK procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
320. 'Microfold prevention and management'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
321. 'Monovision, modified monovision and PRESBYOND Laser Blended Vision'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
322. 'Trends in multifocality for the treatment of presbyopia'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
323. 'PRESBYOND tolerance testing'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
324. 'Patient and laser preparation for SMILE'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
325. 'Docking, centration and cyclotorsion control'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
326. 'The standard protocol SMILE procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
327. 'Suction stability management in SMILE'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom
328. 'Management of false plane creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE
London Vision Clinic
November 8-11, 2018, London, United Kingdom

329. 'Therapeutic refractive surgery workshop'
Course Director, SMILE Wet Labs & Workshops
London Vision Clinic
November 8-11, 2018, London, United Kingdom
330. 'A Step-by-Step Primer to Starting LASIK in 2018'
Course Instructor, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
331. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
332. 'Treatment for decentration'
Course Instructor, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
333. 'The anatomy of a corneal complication'
Course Instructor, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
334. 'A Step-by-Step Primer to Starting SMILE in 2018'
Course Instructor, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
335. 'The Era of Femtosecond Lasers: Small-Incision Lenticule Extraction'
Invited Speaker, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
336. 'SMILE - History along the track'
Invited Speaker, SMILE Astigmatism Launch, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
337. 'SMILE - Racing Secrets from the book'
Invited Speaker, SMILE Astigmatism Launch, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
338. 'ArcScan 2018'
Invited Speaker, ArcScan Booth, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
339. 'Vision Correction Surgery as Primary Care for Refractive Errors – Kathmandu, Nepal'
Invited Speaker, RSA Vision Forward, American Academy of Ophthalmology
October 27-30, 2018, Chicago, USA
340. 'Outcomes of retreatment by LASIK after SMILE'
Invited Speaker, Refractive Surgery Subspecialty Day
October 26, 2018, Chicago, USA
341. 'Epithelial Mapping Prior to Corneal Refractive Surgery'
Invited Speaker, Refractive Surgery Subspecialty Day
October 26, 2018, Chicago, USA
342. 'Manging SMILE Complications'
Invited Speaker, Refractive Surgery Subspecialty Day
October 26, 2018, Chicago, USA
343. 'Man Machine Interface: The Key Role of Vision, a Review and Update on Treatment Options'
Invited Speaker, Pilot's Form
October 2, 2018, Maidenhead, United Kingdom

344. 'Early quantitative and qualitative keratoconus diagnosis and progression criteria utilising a combination of modern cornea diagnostics'
Course Instructor, European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
345. 'Therapeutic refractive surgery... live! Bring your case'
Course Instructor, European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
346. 'Therapeutic corneal refractive surgery: achieving excellent outcomes in complications after LASIK or PRK'
Course Instructor, European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
347. 'Case Presentation Lasik'
Invited Speaker, Carl Zeiss Lunch Symposium 'Navigating Laser Vision Correction in 2018 – Tailored Patient Treatment Approaches', European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
348. 'One Case: Typical Patient'
Invited Speaker, Zeiss Meet the Experts – Case Presentations and Discussions
European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
349. 'Patient Expectation Management'
Invited Speaker, Zeiss Meet the Experts – Case Presentations and Discussions
European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
350. 'Patient Outcome and Experience with PRESBYOND', 'Patient Expectation Management' and 'One Case: Typical Patient'
Invited Speaker, Zeiss Meet the Experts – Case Presentations and Discussions
European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
351. 'Applications of epithelial thickness mapping'
Invited Speaker, CSO Costruzione Strumenti Oftalmici, CSO Booth
European Society of Cataract and Refractive Surgery
September 22-25, 2018, Vienna, Austria
352. 'Case Presentations'
Invited Speaker, Carl Zeiss Meditec 360 Evening Event
September 21, 2018, Vienna, Austria
353. 'How to treat Presbyopia with the latest vision correction'
Invited Speaker, Carl Zeiss Meditec 360 Evening Event
September 21, 2018, Vienna, Austria
354. 'Stages of Presbyopia'
Invited Speaker, Carl Zeiss Meditec 360 Evening Event
September 21, 2018, Vienna, Austria
355. 'LASIK EDOF'
Invited Speaker, ISOP International Society of Presbyopia
September 21, 2018, Vienna, Austria
356. 'PRESBYOND'
Invited Speaker, CZM Press Breakfast
September 21, 2018, Vienna, Austria

357. 'Epithelial thickness mapping in a refractive surgery practice'
Webinar, Optovue
 September 8, 2018
358. 'Que Hay de Nueavo en Cirugia Refractiva y Maneyo de Complicaciones: SMILE – New suction loss algorithm'
Invited Speaker, Centro Mexicano de Cornea U Cirugia Refractiva A.C.
 July 18-21, 2018, Acapulco, Mexico
359. 'Que Hay de Nueavo en Cirugia Refractiva y Maneyo de Complicaciones: Enhancement by Lasik over SMILE'
Invited Speaker, Centro Mexicano de Cornea U Cirugia Refractiva A.C.
 July 18-21, 2018, Acapulco, Mexico
360. 'Manejo de la Presbicia: New definition of premium cataract surgery, not really'
Invited Speaker, Centro Mexicano de Cornea U Cirugia Refractiva A.C.
 July 18-21, 2018, Acapulco, Mexico
361. 'Manejo de la Presbicia: Why I chose PRESBYOND for my own eyes'
Invited Speaker, Centro Mexicano de Cornea U Cirugia Refractiva A.C.
 July 18-21, 2018, Acapulco, Mexico
362. 'The Challenge, the Journey and the Achievements: PRESBYOND'
Invited Speaker, Zeiss Breakfast, Centro Mexicano de Cornea U Cirugia Refractiva A.C.
 July 18-21, 2018, Acapulco, Mexico
363. 'Lo Mas Hot Del 2018: Applications of corneal and anterior segment imaging – VHFU vs OCT'
Invited Speaker, Centro Mexicano de Cornea U Cirugia Refractiva A.C.
 July 18-21, 2018, Acapulco, Mexico
364. 'Therapeutic refractive surgery workshop'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
365. 'Suction stability management'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
366. 'The standard protocol SMILE procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
367. 'Docking, centration and cyclotorsion control'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
368. 'Patient and laser preparation for SMILE'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
369. 'PRESBYOND tolerance testing'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom

370. 'Trends in multifocality and monovision for the treatment of presbyopia'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
371. 'Monovision, modified monovision and PRESBYOND Laser Blended Vision'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
372. 'The standard protocol surface ablation procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
373. 'Microfold prevention and management'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
374. 'The standard protocol LASIK procedure'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
375. 'LASIK flap creation'
Course Director, Forefront Refractive Surgery: LASIK, Presbyopia Correction & SMILE'
 London Vision Clinic
 June 21-24, 2018, London, United Kingdom
376. 'London Vision Clinic Foundation: Five Year Outcome of a Cost Recovery Model for Laser Eye Surgery in Humanitarian Eye Care in Nepal'
Invited Speaker, WOC Barcelona
 June 16-17, 2018, Barcelona, Spain
377. 'High Myopia Treatment: Laser vs Lens – a decision making process'
Invited Speaker, WOC Barcelona
 June 16-17, 2018, Barcelona, Spain
378. 'Recent Advances in laser eye surgery for correcting short-sighted, longsighted, astigmatism and presbyopia'
Invited Speaker, IDF Independent Doctors Federation
 June 13, 2018, London, United Kingdom
379. 'The Role of Epithelium in IOL Calculations for Post LASIK Patients'
Invited Speaker, Femtataract Surgery and Beyond, AECOS
 June 1-3, 2018, Berlin, Germany
380. 'Why I chose Laser Refractive Surgery in this Case'
Invited Speaker, Presbyopia Championship, AECOS
 June 1-3, 2018, Berlin, Germany
381. 'Posterior to Anterior: Integrating Advanced Technologies'
Invited Speaker, Keynote Lecture, Zeiss 360 Program, AECOS
 June 1-3, 2018, Berlin, Germany
382. 'Introduction, Lifetime Achievement Lecture'
Invited Speaker, AECOS
 June 1-3, 2018, Berlin, Germany

383. 'Getting PRESBYOND started'
Course Instructor, Meet the Experts, Zeiss European Refractive Surgery Symposium
 May 26-27, 2018, Amsterdam, The Netherlands
384. 'False plane creation in SMILE'
Invited Speaker, Zeiss European Refractive Surgery Symposium
 May 26-27, 2018, Amsterdam, The Netherlands
385. 'Managing residual refractive errors after SMILE'
Invited Speaker, Zeiss European Refractive Surgery Symposium
 May 26-27, 2018, Amsterdam, The Netherlands
386. 'PRESBYOND Laser Blended Vision'
Invited Speaker, Skype talk, Franja 2018 – El Evento del Sector Salud Visual de America Latina
 May 11, 2018, Bogota, Colombia
387. 'Actualizacion en SMILE: Cuales son sus resultados ahora?'
Invited Speaker, ASCRS
 April 13-16, 2018, Washington DC, USA
388. 'Small-Incision Lenticule Extraction: World View'
Course Faculty, ASCRS
 April 13-16, 2018, Washington DC, USA
389. 'The SMILE Book – An Introduction'
Invited Speaker, Meet the SMILE Experts, ASCRS
 April 13-16, 2018, Washington DC, USA
390. 'SMILE Docking: Pupil Center vs Pupil Axis'
Invited Speaker, Zeiss Refractive user Meeting on SMILE, ASCRS
 April 13-16, 2018, Washington DC, USA
391. 'Estudio del segment anterior con Artemis Insight ultrasonido VHF digital – ventajas particulares entre OCT y VHFU'
Invited Speaker, Ari-UMH Jorge Alio Course
 April 6-7, 2018, Alicante, Spain
392. 'PresbyLasik con PRESBYOND®'
Invited Speaker, Ari-UMH Jorge Alio Course
 April 6-7, 2018, Alicante, Spain
393. 'Actualizacion en SMILE: Cuales son sus resultados y cuales las perspectivas'
Invited Speaker, Ari-UMH Jorge Alio Course
 April 6-7, 2018, Alicante, Spain
394. 'Standardised SMILE procedure protocol'
Live Surgery, Ari-UMH Jorge Alio Course
 April 6-7, 2018, Alicante, Spain
395. 'Video complication case - management of suction loss in SMILE'
Video Presentation, Ari-UMH Jorge Alio Course
 April 6-7, 2018, Alicante, Spain
396. 'Surgical Treatment of irregular astigmatism'
Invited Speaker, Quinze-Vingts, Des Chirurgie Refractive
 March 24, 2018, Paris, France
397. 'SMILE Surgery and its complications'
Invited Speaker, Quinze-Vingts, Des Chirurgie Refractive
 March 24, 2018, Paris, France

398. 'Presbyopic Correction by increased depth of field and modest monovision'
Invited Speaker, Quinze-Vingts, Des Chirurgie Refractive
 March 24, 2018, Paris, France
399. 'Multifocal presbyopic surgery: end of an era?'
Invited Speaker, Quinze-Vingts, Des Chirurgie Refractive
 March 24, 2018, Paris, France
400. 'Future of laser refractive surgery: LASIK vs SMILE (small incision lenticule extraction)'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
 January 22, 2018, New York, USA
401. 'Current and future treatment options for repair of refractive surgery complications'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
 January 22, 2018, New York, USA
402. 'Current and future efficacy of wavefront- and topography-guided custom ablation'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
 January 22, 2018, New York, USA
403. 'Current and future treatment options for presbyopia correction'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
 January 22, 2018, New York, USA
404. 'Current state of the art of management of epithelial ingrowth under a LASIK flap'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
 January 22, 2018, New York, USA
405. 'Current state of the art of LASIK flap management'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
 January 22, 2018, New York, USA
406. 'Traitement chirurgical de l'astigmatisme corneen irregulier'
Invited Speaker, DIU Diplome Inter-Universitaire de Chirurgie Refractive et de
 Phacoemulsification
 January 13, 2018, Paris, France
407. 'Les Complications du SMILE'
Invited Speaker, DIU Diplome Inter-Universitaire de Chirurgie Refractive et de
 Phacoemulsification
 January 13, 2018, Paris, France
408. 'How I assessed the options and chose the right treatment for my own presbyopia'
Invited Speaker, Chirurgie de la Presbytie 10ieme Journee
 January 13, 2018, Paris, France
409. 'Surgical Correction for Presbyopia'
Invited Speaker, 24th MCLOSA Annual Meeting and 47th ECLSO Congress
 December 2nd, 2017, London, United Kingdom
410. 'Presbyopia Debate: Refractive Surgery versus Contact Lenses'
Invited Debate, 24th MCLOSA Annual Meeting and 47th ECLSO Congress
 December 2nd, 2017, London, United Kingdom
411. 'Excimer Strategies'
Invited Speaker, ISRS Presbyopia Symposium, American Academy of Ophthalmology
 November 11-14, 2017, New Orleans, USA
412. 'Routine Lasik Procedure'
Course Instructor, American Academy of Ophthalmology
 November 11-14, 2017, New Orleans, USA

413. 'Best papers of the Therapeutic Refractive Surgery section of the Journal of Refractive Surgery for 2017'
Course Instructor, American Academy of Ophthalmology
November 11-14, 2017, New Orleans, USA
414. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, American Academy of Ophthalmology
November 11-14, 2017, New Orleans, USA
415. 'Zeiss ReLEx SMILE, the minimally invasive laser vision correction procedure that can help you grow your refractive practice'
Invited Speaker, Zeiss Refractive Surgery Dinner, American Academy of Ophthalmology
November 11-14, 2017, New Orleans, USA
416. 'Epithelial Mapping Prior to Corneal Refractive Surgery'
Invited Speaker, Refractive Surgery Subspecialty Day, American Academy of Ophthalmology
November 10, 2017, New Orleans, USA
417. 'Laser Blended Vision'
Invited Speaker, Refractive Surgery Subspecialty Day, American Academy of Ophthalmology
November 10, 2017, New Orleans, USA
418. 'Therapeutic refractive surgery workshop'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom
419. 'Suction stability management'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom
420. 'The standard protocol SMILE procedure'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom
421. 'Docking, centration and cyclotorsion'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom
422. 'Patient and laser preparation for SMILE'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom
423. 'PRESBYOND tolerance testing'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom
424. 'Trends in multifocality and monovision for the treatment of presbyopia'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
London Vision Clinic
November 3-5, 2017, London, United Kingdom

425. 'Monovision, modified monovision and PRESBYOND Laser Blended Vision'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE'
 London Vision Clinic
 November 3-5, 2017, London, United Kingdom
426. 'Complications after LASIK or PRK'
Course Instructor, European Society of Cataract and Refractive Surgery
 October 7-10, 2017, Lisbon, Portugal
427. 'Epithelial Map'
Invited Speaker, CSO Booth, European Society of Cataract and Refractive Surgery
 October 7-10, 2017, Lisbon, Portugal
428. 'The Impact of Epithelium Thickness Mapping (ETM) in Corneal Refractive Surgery'
Invited Speaker, Optovue Lunchtime Symposium
 European Society of Cataract and Refractive Surgery
 October 7-10, 2017, Lisbon, Portugal
429. 'Epithelial irregularities and clinical relevance'
Course Faculty, European Society of Cataract and Refractive Surgery
 October 7-10, 2017, Lisbon, Portugal
430. 'Therapeutic Refractive Surgery...Live!'
Course Instructor, European Society of Cataract and Refractive Surgery
 October 7-10, 2017, Lisbon, Portugal
431. 'Focus on Epithelial Layer with OCT'
Invited Speaker, European Society of Ocular and Surface Disease Specialists
 October 7-10, 2017, Lisbon, Portugal
432. 'All Retreatment Options for SMILE'
Invited Speaker, CZM User Day for Laser Refractive & Cataract Surgery
 October 6, 2017, Lisbon, Portugal
433. 'Suction stability management'
Course Director, The Surgeon's Guide to SMILE
 October 6, 2017, Lisbon, Portugal
434. 'The routine SMILE procedure'
Course Director, The Surgeon's Guide to SMILE
 October 6, 2017, Lisbon, Portugal
435. 'Docking, centration and cyclotorsion'
Course Director, The Surgeon's Guide to SMILE
 October 6, 2017, Lisbon, Portugal
436. 'Patient and laser preparation for SMILE'
Course Director, The Surgeon's Guide to SMILE
 October 6, 2017, Lisbon, Portugal
437. 'The Development of LASIK, Outcomes and Safety Profile, The Future of LASIK, and Practice Development'
Invited Panellist, Live Broadcast, Modern Lasik Forum Event, The Ophthalmologist
 September 23, 2017, Royal Society London, United Kingdom
438. 'Understanding current presbyopic surgery options: multifocality vs monovision'
Invited Speaker, Optegra Educational Event
 September 23, 2017, Chandos House, Royal Society of Medicine, London, United Kingdom

439. 'Evolution of corneal refractive surgery from Keratomileusis to SMILE'
Invited Speaker, Optegra Educational Event
 September 23, 2017, Chandos House, Royal Society of Medicine, London, United Kingdom
440. 'Proceso científico que me permitió decidir el método de cirugía de Presbicia para mis propios ojos'
Invited Speaker, PAAO Pan American Congress of Ophthalmology
 August 9-12, 2017, Lima, Peru
441. 'SMILE Estado actual y futuro: hipermetropía, tratamientos asféricos y alta miopía'
Invited Speaker, PAAO Pan American Congress of Ophthalmology
 August 9-12, 2017, Lima, Peru
442. 'Retreatment strategies after SMILE'
Invited Speaker, PAAO Pan American Congress of Ophthalmology, ISRS Symposium
 August 9-12, 2017, Lima, Peru
443. 'Why to choose PRESBYOND for my own eyes'
Invited Speaker, PAAO Pan American Congress of Ophthalmology, Expert Latam Table
 August 9-12, 2017, Lima, Peru
444. 'SMILE'
Invited Speaker, PAAO Pan American Congress of Ophthalmology, Expert Latam Table
 August 9-12, 2017, Lima, Peru
445. 'Grosor epithelial y detección de queratocono sospechoso'
Course Instructor, PAAO Pan American Congress of Ophthalmology
 August 9-12, 2017, Lima, Peru
446. 'Therapeutic retreatment options after SMILE'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE
 London Vision Clinic
 June 23-25, 2017, London, United Kingdom
447. 'Suction stability management'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE
 London Vision Clinic
 June 23-25, 2017, London, United Kingdom
448. 'The standard protocol SMILE procedure'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE
 London Vision Clinic
 June 23-25, 2017, London, United Kingdom
449. 'Case Discussions: Patient suitability for presbyopia correction and management of cataract development after or before PRESBYOND'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE
 London Vision Clinic
 June 23-25, 2017, London, United Kingdom
450. 'Manifest refraction protocol, binocular balance, and PRESBYOND tolerance testing, dry eye management'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE
 London Vision Clinic
 June 23-25, 2017, London, United Kingdom
451. 'Trends in multifocality and monovision for the treatment of presbyopia'
Course Director, Forefront Refractive Surgery: Presbyopia Correction & SMILE
 London Vision Clinic
 June 23-25, 2017, London, United Kingdom

452. 'Cirugia corneal de la presbicia con tecnica Prebyon'
Invited Speaker, Avances en Cirugia Refractiva, Barraquer Clinic
 June 9-10, 2017, Barcelona, Spain
453. 'Prevencion y tratamiento de las complicaciones intraoperatorias en SMILE'
Invited Speaker, Avances en Cirugia Refractiva, Barraquer Clinic
 June 9-10, 2017, Barcelona, Spain
454. 'Novedades y perspectivas futuras en SMILE'
Invited Speaker, Avances en Cirugia Refractiva, Barraquer Clinic
 June 9-10, 2017, Barcelona, Spain
455. Debate 'PRK vs Lasik vs SMILE: discusion de casos clinicos'
Invited Debater, Avances en Cirugia Refractiva, Barraquer Clinic
 June 9-10, 2017, Barcelona, Spain
456. 'How to greatly improve your ICL outcomes and numbers', Refractive Surgery Debate: Lens Based vs Corneal Based
Invited Speaker, AECOS – American-European Congress of Ophthalmic Surgery
 June 1-4, 2017, Prague, Czech Republic
457. 'ArcScan: How could I have worked without this device, yet it doesn't have wide appeal to date?'
Invited Speaker, AECOS – American-European Congress of Ophthalmic Surgery
 June 1-4, 2017, Prague, Czech Republic
458. 'SMILE for hyperopia: centration, achieved optical zone diameter, and 3 months visual and refractive outcomes'
Invited Speaker, Zeiss European Refractive Laser Symposium
 May 20-21, 2017, Paris, France
459. 'PRESBYOND: Management of cross-blur and enhancements'
Invited Speaker, Zeiss European Refractive Laser Symposium
 May 20-21, 2017, Paris, France
460. 'Incidence, management and outcomes of suction loss during SMILE'
Invited Speaker, Zeiss European Refractive Laser Symposium
 May 20-21, 2017, Paris, France
461. 'PRESBYOND: principle, pre- and post op exams (what to focus on when doing a PRESBYOND)'
Invited Speaker, Middle East Refractive Laser Symposium
 May 19, 2017, Paris, France
462. 'PRESBYOND: Patient Selection, expectation, management, own experiences'
Invited Speaker, Middle East Refractive Laser Symposium
 May 19, 2017, Paris, France
463. 'Chirurgie corneenne refractive au laser e biomecanique de la cornee'
Invited Speaker, 123^e Congrès de la Société Française d'Ophtalmologie
 May 8, 2017, Paris, France
464. 'The Future: Astigmatism, Hyperopia, Custom SMILE'
Course Faculty, American Society of Cataract and Refractive Surgery
 May 5-8, 2017, Los Angeles, California, USA
465. 'SMILE is the Future of Corneal Refractive Surgery'
Invited Speaker, American Society of Cataract and Refractive Surgery, Refractive Day
 May 5, 2017, Los Angeles, California, USA
466. 'Corneal Refractive Surgery - SMILE'
Invited Speaker, USC Roski Eye Institute Refractive Symposium
 May 4, 2017, Los Angeles, California, USA

467. 'Applications for Epithelial Mapping in Refractive Surgery'
Invited Speaker Keynote Lecture, USC Roski Eye Institute Refractive Symposium
May 4, 2017, Los Angeles, California, USA
468. 'PresbyLASIK'
Invited Speaker, The Great Debate: Presbyopia, AECOS Winter Symposium
February 26 – 1 March, 2017, Aspen, Colorado, USA
469. 'Topography Guided Repair of Decentration'
Invited Speaker, AECOS Winter Symposium
February 26 – 1 March, 2017, Aspen, Colorado, USA
470. 'SMILE: 7 myths'
Invited Speaker, Carl Zeiss Symposium, AECOS Winter Symposium
February 26 – 1 March, 2017, Aspen, Colorado, USA
471. 'Current and Future Refractive Surgery Frontiers: What is currently available outside US FDA jurisdiction and what may never be possible within FDA jurisdiction'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
January 16, 2017, New York, USA
472. 'SMILE Femto Refractive Surgery'
Invited Speaker, Moorfields Eye Hospital LASIK Course 2016
December 7, 2016, London, United Kingdom
473. 'Trends in multifocality and monovision for the treatment of presbyopia'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
474. 'Manifest refraction protocol, binocular balance, and PRESBYOND tolerance testing'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
475. 'Monovision, modified monovision and PRESBYOND Laser Blended Vision'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
476. 'Surgical procedure for a routine SMILE procedure'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
477. 'Management of intraoperative complications'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
478. 'Review of the current status of SMILE'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
479. 'Routine and therapeutic retreatment options after SMILE'
Course, Forefront Refractive Surgery: Presbyopia Correction & SMILE, London Vision Clinic
November 18-20, 2016, London, United Kingdom
480. 'Safety, accuracy and side effects of presbyopic surgery and why I chose PRESBYOND for my own eyes'
Invited Skype Presentation, Carl Zeiss Meditec Users Meeting – North American Refractive Laser Symposium
November 12, 2016, Toronto, Canada

481. 'Routine LASIK procedure'
Course Instructor, American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
482. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
483. 'Best papers of the therapeutic refractive surgery section of the Journal of Refractive Surgery for 2016'
Course Instructor, American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
484. 'Why is SMILE better?'
Course Faculty, American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
485. 'Myths of SMILE'
Invited Speaker, Zeiss Refractive Dinner: Defining the Future of Refractive Surgery
American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
486. 'Measurement of the Whole Crystalline Lens Circumference and Posterior Chamber Dimensions by VHF Ultrasound: Possible Applications in Refractive Surgery'
Invited Speaker, ISRS Member's Lunch, American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
487. 'Adoption and Success of SMILE Internationally"
Invited Speaker, Carl Zeiss Meditec Press Breakfast, American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
488. 'Importance of Epithelial Mapping prior to corneal refractive surgery'
Invited Expert Discussion
American Academy of Ophthalmology Subspecialty Day Refractive Surgery
October 14-15, 2016, Chicago, USA
489. 'Mechanism for a rare, idiosyncratic complication following hyperopic Lasik: Diurnal shift in refractive error due to epithelial thickness profile changes'
Invited Speaker, American Academy of Ophthalmology Subspecialty Day Refractive Surgery
October 14-15, 2016, Chicago, USA
490. 'Epithelial Thickness map and Keratoconus detection'
Invited Speaker, Ophthalmic Imaging: From Theory to Current Practice
September 30, 2016, Paris, France
491. 'High Frequency Ultrasound and Corneal Imaging'
Invited Speaker, Ophthalmic Imaging: From Theory to Current Practice
September 30, 2016, Paris, France
492. 'The Epithelium in PTK'
Course Faculty, European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
493. 'SMILE is the procedure of choice'
Invited Speaker, Journal of Cataract and Refractive Surgery Symposium
European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark

494. 'PRESBYOND: mechanism and outcomes and why I chose PRESBYOND for my own eyes'
Invited Speaker, Carl Zeiss Meditec Lunchtime Symposium on 'Three Generations with Zeiss Refractive Laser Solutions – PRK, Lasik, SMILE', European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
495. 'Epithelial irregularities and clinical relevance – Update on multifactorial keratoconus and ectasia diagnosis and progression assessment'
Course Faculty, European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
496. 'Positives and Negatives of the SMILE Technique'
Invited Interview, EuroTimes, European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
497. 'Therapeutic corneal refractive surgery: achieving excellent outcomes in complications after LASIK or PRK'
Course Instructor, European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
498. 'Correcting irregular corneal astigmatism'
Invited Speaker, 7th EuCornea Congress
September 9-10, 2016, Copenhagen, Denmark
499. 'PRESBYOND Laser Blended Vision'
Invited Speaker, Presbyopia
September 9, 2016, Copenhagen, Denmark
500. 'Scientific Decision Process for Choosing Presbyopic Surgery for My Own Eyes', First Annual D. Jackson Coleman Lecture
Invited Speaker Named Lecture, Presbyopia
September 9, 2016, Copenhagen, Denmark
501. 'Enhancing pilot safety performance through vision correction surgery: current status versus current regulations'
Invited Speaker, Etihad Airways 4th Aviation Health Conference
September 3, 2016, Abu Dhabi, United Arab Emirates
502. 'NO! Patients deserve side-effect and risk minification, accuracy maximization, reparability and reversibility'
Invited Speaker, AECOS – American European Congress of Ophthalmic Surgery
June 23-26, 2016, Rome, Italy
503. 'VHF Digital Ultrasound Arc Scanning Device'
Invited Speaker, AECOS – American European Congress of Ophthalmic Surgery
June 23-26, 2016, Rome, Italy
504. 'Controversies in Cataract and Refractive Surgery – It's all about SMILE'
Invited Speaker, XVI State of the Art Refractive and Cataract Surgery Symposium
June 17, 2016, Hull, United Kingdom
505. 'The epithelium is the cornea's best friend but the therapeutic surgeon's worst enemy'
Invited Speaker, XVI State of the Art Refractive and Cataract Surgery Symposium
June 17, 2016, Hull, United Kingdom
506. 'SMILE for hyperopia: successful pilot and first study outcomes'
Invited Speaker, Carl Zeiss Meditec Users Meeting
June 3-5, 2016, Potsdam, Germany

507. 'How to develop a nomogram and improve the clinical outcomes, reduce enhancement rates and increase patient satisfaction'
Invited Speaker, Carl Zeiss Meditec Users Meeting
June 3-5, 2016, Potsdam, Germany
508. 'Myths of SMILE refuted by science: Retreatment options after SMILE'
Invited Speaker, Carl Zeiss Meditec Users Meeting
June 3-5, 2016, Potsdam, Germany
509. 'Safety, Accuracy and Side Effects of Presbyopic Surgery and why I chose PRESBYOND for my own eyes'
Invited Speaker, Carl Zeiss Meditec Users Meeting, European Refractive Laser Symposium
June 3-5, 2016, Potsdam, Germany
510. 'High Resolution Cross Section Imaging'
Invited Speaker, UKISCRS United Kingdom & Ireland Society of Cataract & Refractive Surgeons
May 23, 2016, Birmingham, United Kingdom
511. 'SMILE'
Invited Speaker, Chirurgie Refractive pour les Internes d'Ile de France
April 2, 2016, Paris, France
512. 'Presbyopic Correction by increased depth of field and modest monovision'
Invited Speaker, Chirurgie Refractive pour les Internes d'Ile de France
April 2, 2016, Paris, France
513. 'Multifocal presbyopic surgery: end of an era?'
Invited Speaker, Chirurgie Refractive pour les Internes d'Ile de France
April 2, 2016, Paris, France
514. 'Applications of high resolution corneal and anterior segment imaging in refractive surgery'
Invited Speaker, Chirurgie Refractive pour les Internes d'Ile de France
April 2, 2016, Paris, France
515. 'Laser approach to presbyopia'
Invited Speaker, British Society of Refractive Surgery
March 5, 2016, Birmingham, United Kingdom
516. 'Hyperopic SMILE: Centration, achieved optical zone diameter, aberrations, and refractive outcomes'
Invited Speaker, Zeiss Refractive and Cataract Dinner
American-European Congress of Ophthalmic Surgery
February 28 – March 2, 2016, Aspen, Colorado, United States
517. 'New Technologies: Very High Frequency (VHF) Digital Ultrasound Arc Scanning Device'
Invited Speaker, American-European Congress of Ophthalmic Surgery
February 28 – March 2, 2016, Aspen, Colorado, United States
518. 'The Refractive Patient: When you can't use Topo'
Invited Speaker, American-European Congress of Ophthalmic Surgery
February 28 – March 2, 2016, Aspen, Colorado, United States
519. 'The Refractive Patient: Is it possible to have (effectively) zero microfolds in LASIK?'
Invited Speaker, American-European Congress of Ophthalmic Surgery
February 28 – March 2, 2016, Aspen, Colorado, United States
520. 'Current state of the art of LASIK flap management'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University
January 23, 2016, New York, USA

521. 'Current state of the art of management of epithelial ingrowth under a LASIK flap'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University
January 23, 2016, New York, USA
522. 'Current and future treatment options for presbyopia correction'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University
January 23, 2016, New York, USA
523. 'Current and future efficacy of wavefront- and topography-guided custom ablation'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University
January 23, 2016, New York, USA
524. 'Current and future treatment options for repair of refractive surgery complications'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University
January 23, 2016, New York, USA
525. 'Future of laser refractive surgery: LASIK vs SMILE (small incision lenticule extraction)'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University
January 23, 2016, New York, USA
526. 'The role of VHF digital ultrasound diagnostics in the scientific advancement of corneal and intraocular refractive surgery'
Invited Speaker, Grand Rounds, Columbia University
January 23, 2016, New York, USA
527. 'Future of laser refractive surgery: LASIK vs SMILE (small incision lenticule extraction)'
Invited Speaker, Grand Rounds, Columbia University
January 23, 2016, New York, USA
528. 'SMILE Femto Refractive Surgery'
Invited Speaker, Lasik Course, Moorfields Eye Hospital
December 3, 2015, London, United Kingdom
529. 'Laser Blended Vision'
Life Surgery, Phaco Festival
November 28-29, 2015, Bangalore, India
530. 'Multifocal Surgery – End of an Era'
Named Lecture – Invited Speaker, K R Murthy Oration Award, Phaco Festival
November 28-29, 2015, Bangalore, India
531. 'SMILE – MYTHS Dispelled'
Invited Speaker, Phaco Festival
November 28-29, 2015, Bangalore, India
532. 'SMILE'
Wet Lab, Phaco Festival
November 28-29, 2015, Bangalore, India
533. 'Femtosecond – Flap, ReLEx, SMILE'
Course Director, Phaco Festival
November 28-29, 2015, Bangalore, India
534. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA
535. 'Review of JRS Therapeutic Refractive Surgery Section 2015'
Course Instructor, American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA

536. 'Why is SMILE better?'
Course Faculty, American Academy of Ophthalmology
 November 13-17, 2015, Las Vegas, USA
537. 'Introduction to regression after refractive surgery diagnosis and the role of the epithelium'
Course Faculty, American Academy of Ophthalmology
 November 13-17, 2015, Las Vegas, USA
538. 'The Use of High Frequency Digital Ultrasound as a Diagnostic Tool in Refractive Surgery and Keratoconus'
Course Faculty, American Academy of Ophthalmology
 November 13-17, 2015, Las Vegas, USA
539. 'Myopia Treatment: What is the best Strategy?'
Named Lecture – Invited Speaker, Whitney G Sampson Lecture
 American Academy of Ophthalmology
 November 13-17, 2015, Las Vegas, USA
540. 'Myths of SMILE'
Invited Speaker, Zeiss Refractive Dinner, American Academy of Ophthalmology
 November 13-17, 2015, Las Vegas, USA
541. 'Stromal surface Topography-guided Custom Ablation as a Repair Tool for Corneal Irregular Astigmatism'
Invited Speaker, Refractive Surgery 2015: The Vegas Player's Guide of Refractive Surgery – Everyone Wins!
 American Academy of Ophthalmology
 November 13-17, 2015, Las Vegas, USA
542. 'Femtosecond alone is the best'
Invited Speaker, ISRS Symposium, European Society of Cataract and Refractive Surgery
 September 5-9, 2015, Barcelona, Spain
543. 'Diagnosis and the role of the epithelium'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 5-9, 2015, Barcelona, Spain
544. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 5-9, 2015, Barcelona, Spain
545. 'Diagnosis and the role of the epithelium in trans-epithelial PTK'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 5-9, 2015, Barcelona, Spain
546. 'Clinical outcomes and visual quality for LASIK integrating spherical aberration control for correction in myopic, hyperopic and emmetropic presbyopia'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 5-9, 2015, Barcelona, Spain
547. 'Epithelial irregularities and clinical relevance'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 5-9, 2015, Barcelona, Spain
548. **Live Surgery**, Panel Member, Carl Zeiss Meditec Event, European Society of Cataract and Refractive Surgery
 September 4, 2015, Barcelona, Spain
549. 'Multi-focal surgery: The end of an era?'
Invited Speaker, International Society of Presbyopia
 September 4, 2015, Barcelona, Spain

550. 'New Devices for Essential Corneal Screening'
Invited Speaker, American-European Congress of Ophthalmic Surgery
June 26-29, 2015, Berlin, Germany
551. 'VHF digital ultrasound epithelial mapping with digital subtraction pachymetry for trans-epithelial photo-therapeutic keratectomy'
Invited Video Presentation, 'Difficult Cases'
American-European Congress of Ophthalmic Surgery
June 26-29, 2015, Berlin, Germany
552. 'Lasik as the 2nd Generation of Laser Vision Correction'
Invited Video Interview, Carl Zeiss Meditec
American-European Congress of Ophthalmic Surgery
June 26-29, 2015, Berlin, Germany
553. 'Treatment of Hyperopia by ReLEx SMILE: interim report on research and initial findings'
Invited Speaker, Carl Zeiss Meditec Lunchtime Symposium
American-European Congress of Ophthalmic Surgery
June 26-29, 2015, Berlin, Germany
554. 'SMILE: The future is here'
Invited Speaker, American-European Congress of Ophthalmic Surgery
June 26-29, 2015, Berlin, Germany
555. 'How communication is changing the shape of how global ophthalmologists interact'
Invited Film Interview, Ophthalmology Insider Episodes, Eyetube.net
American-European Congress of Ophthalmic Surgery
June 26-29, 2015, Berlin, Germany
556. 'Interim Report on results of SMILE for hyperopia'
Invited Speaker, Carl Zeiss Meditec Users Meeting
May 29-31, 2015, Florence, Italy
557. 'SMILE for myopia from -8.00 to -12.00 D, the current CE approval range'
Invited Speaker, Carl Zeiss Meditec Users Meeting
May 29-31, 2015, Florence, Italy
558. 'Prevention and treatment of cap irregularities in SMILE'
Invited Speaker, Carl Zeiss Meditec Users Meeting
May 29-31, 2015, Florence, Italy
559. 'PRK, LASIK and SMILE'
Invited Speaker, Royal College of Ophthalmologists Annual Meeting
May 19, 2015, Liverpool, United Kingdom
560. 'Biomechanics of SMILE'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
Refractive Surgery Subspecialty Day, Symposium on 'Corneal Biomechanics'
March 31-April 3, 2015, Guangzhou, China
561. 'Aspheric SMILE'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
Refractive Surgery Subspecialty Day, Symposium on 'Customized Excimer Laser Vision Correction'
March 31-April 3, 2015, Guangzhou, China
562. 'Corneal Laser Refractive Surgery: Aspheric SMILE'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
Refractive Surgery Subspecialty Day, ISRS Symposium on 'Emerging Techniques in Refractive Surgery'
March 31-April 3, 2015, Guangzhou, China

563. 'SMILE, centration skills, is higher or lower energy preferable? Parameter settings?'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 VisuMax China User Meeting and Meet the Experts
 March 31-April 3, 2015, Guangzhou, China
564. 'New Generation Mel90 and VisuMax clinic experience sharing'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 CCOS Zeiss New Technology Summit
 March 31-April 3, 2015, Guangzhou, China
565. 'Does SMILE provide better wavefront control than Wavefront Guided LASIK?'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Carl Zeiss Meditec Refractive Lunch Symposium
 March 31-April 3, 2015, Guangzhou, China
566. 'Features and Performances of the Mel90 and PRESBYOND?'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Carl Zeiss Meditec Refractive Lunch Symposium
 March 31-April 3, 2015, Guangzhou, China
567. 'The biomechanical benefits of SMILE are about the optics and treatment range, not ectasia'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, Symposium on 'Femtosecond assisted LASIK vs SMILE
 technique: the light and the shadows'
 March 31-April 3, 2015, Guangzhou, China
568. 'Epithelial Thickness Monitoring to avoid excessive Steepening in Hyperopic LASIK'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, Symposium on 'Hyperopia Laser Surgery: Which are the
 Limits?'
 March 31-April 3, 2015, Guangzhou, China
569. 'Stromal Surface Topography guided repair of corneal complications'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, Symposium on 'Customized corneal excimer laser ablations...
 an alternative to keratoplasty?'
 March 31-April 3, 2015, Guangzhou, China
570. 'Epithelial Thickness Monitoring to avoid excessive Steepening in Hyperopic LASIK'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, Symposium on 'Hyperopia Laser Surgery: Which are the
 Limits?'
 March 31-April 3, 2015, Guangzhou, China
571. 'Two Year Results after LASIK for Very High Hyperopia and Astigmatism'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, Symposium on 'Hyperopia Laser Surgery: Which are the
 Limits?'
 March 31-April 3, 2015, Guangzhou, China
572. 'SMILE as an alternative to LASIK'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, ISRS Symposium
 March 31-April 3, 2015, Guangzhou, China
573. 'Laser Vision Correction: Benefits and Compromises of Monovision vs. Presby LVC'
Invited Speaker, Asia-Pacific Academy of Ophthalmology
 Refractive Surgery Subspecialty Day, ASCRS Symposium
 March 31-April 3, 2015, Guangzhou, China

574. 'SMILE vs LASIK debate: For SMILE'
Invited Speaker, British Society of Refractive Surgeons
March 28-29, 2015, Birmingham, United Kingdom
575. 'Current and Future Refractive Surgery Frontiers: What is currently available outside US FDA jurisdiction and what may never be possible within FDA jurisdiction'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
January 17, 2015, New York, USA
576. 'SMILE Femto Refractive Surgery'
Invited Speaker, Moorfields Laser Course
December 4, 2014, London, United Kingdom
577. 'Real-time LASIK procedure using the VisuMax and MEL80'
Video Presentation, Moorfields Laser Course
December 4, 2014, London, United Kingdom
578. 'Single instrument technique for SMILE'
Video Presentation, Moorfields Laser Course
December 4, 2014, London, United Kingdom
579. 'Dispelling myths of SMILE with science – one day vision, optical quality and enhancements'
Invited Speaker, APACRS Asia Pacific Annual Meeting of Cataract and Refractive Surgeons
November 13-16, 2014, Jaipur, India
580. 'Will SMILE replace LASIK as king in 10 years?'
Invited Panel Discussion, ESCRS Symposium, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
581. 'Laser Blended Vision for Presbyopia Correction'
Invited Speaker, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
582. 'Customized ablation results compared to SMILE & Retreatment options and retreatment rates'
Invited Speaker, Carl Zeiss Meditec Reception, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
583. 'SMILE/ReLEx Laser Surgery'
Invited Speaker, AAO/ESO – European Society of Ophthalmology Symposium
AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
584. 'A Step-by-Step Primer to Starting LASIK in 2014'
Course Instructor, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
585. 'Enhancement and Retreatment after Refractive Surgery'
Course Faculty, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
586. 'PRESBYOND Laser Blended Vision'
Course Faculty, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA
587. 'Correction of Ametropia on the Cornea: Femtosecond Lenticule Extraction'
Invited Speaker, ISRS/ESCRS Symposium, AAO American Academy of Ophthalmology
October 17-21, 2014, Chicago, USA

588. 'Optimizing corneal therapeutic refractive surgery beyond wavefront and topography-guided ablation employing stromal surface topography'
Invited Speaker, ISRS Symposium, ESCRS
September 13-17, 2014, London, United Kingdom
589. 'Different techniques to achieve monovision'
Invited Speaker, ESCRS Presbyopia Workshop
September 13-17, 2014, London, United Kingdom
590. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
591. 'Treatment options for decentration'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
592. 'Treatment options for small optical zone / high spherical aberration'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
593. 'Diagnostic technology and techniques for complicated cases after refractive surgery'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
594. 'Epithelial thickness measurement with VHF digital ultrasound'
Course Faculty, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
595. 'The role of the epithelium in regression'
Course Faculty, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
596. 'Clinical outcomes and visual quality for LASIK integrating spherical aberration control for correction in myopic, hyperopic and emmetropic presbyopia'
Course Instructor, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
597. 'Dispelling myths of SMILE with science: 1 day vision, optical quality and enhancements'
Invited Speaker, Carl Zeiss Lunchtime Symposium
September 13-17, 2014, London, United Kingdom
598. 'Treatment of complex cases combining internal corneal anatomical data with an excimer laser'
Course Faculty, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
599. 'Biomechanics, aberrations of lenticule extraction and lenticule addition (endokeratophakia)'
Invited Speaker, Clinical Research Symposium
ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
600. 'Will intrastromal surgery give corneal refractive surgery perfection?'
Invited Speaker, Clinical Research Symposium
ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
601. 'What do look for during the treatment' in 'Phototherapeutic keratectomy: the past, the present and the future'
Course Faculty, ESCRS European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom

602. 'The Epithelium' in 'Phototherapeutic keratectomy: the past, the present and the future'
Course Faculty, ESCRS European Society of Cataract and Refractive Surgery
 September 13-17, 2014, London, United Kingdom
603. **Life Surgery**, Carl Zeiss Meditec Event, ESCRS
 September 12, 2014, London, United Kingdom
604. 'Femtosecond Lenticular Extraction'
Invited Speaker, UKISCRS/ESCRS 38th Annual Congress
 September 12, 2014, London, United Kingdom
605. 'PRESBYOND Laser Blended Vision: Concept and Experimental Evidence'
Invited Speaker, Presbyopia 2014
 September 12, 2014, London, United Kingdom
606. 'Keratoconus detection by corneal epithelial thickness mapping'
Invited Speaker, EuCornea
 September 12, 2014, London, United Kingdom
607. 'Will SMILE replace LASIK – Pro and Cons'
Invited Speaker, AECOS American-European Congress of Ophthalmic Surgery
 June 26-29, 2014, Barcelona, Spain
608. 'The physics behind the precision of the VisuMax and protocol for retreatments after SMILE'
Invited Speaker, Carl Zeiss Meditec Satellite Symposium
 AECOS American-European Congress of Ophthalmic Surgery
 June 26-29, 2014, Barcelona, Spain
609. 'PRESBYOND Laser Blended Vision'
Invited Speaker, Israeli Cornea Working Group
 May 30, 2014, Jerusalem, Israel
610. 'Small Incision Lenticule Extraction (SMILE) – the next frontier in refractive surgery'
Invited Speaker, Israeli Cornea Working Group
 May 30, 2014, Jerusalem, Israel
611. 'Man machine interface – the key role of vision, a review and recent new treatments'
Invited Speaker, Association of Aviation Medical Examiners Annual Meeting
 April 5, 2014, Coventry, United Kingdom
612. 'Perfecting refractive corneal surgery'
Invited Speaker, Combined Symposium ESCRS, ASCRS, ALACCSA, BSCRS
 BRASCRS, Xiii Congresso Internacional de Catarata e Cirurgia Refrativa
 April 2-5, 2014, Rio de Janeiro, Brazil
613. 'The future of corneal complication repair: Anatomically based diagnosis and management'
Invited Speaker, BRASCRS, Xiii Congresso Internacional de Catarata e Cirurgia Refrativa
 April 2-5, 2014, Rio de Janeiro, Brazil
614. 'Laser Blended Vision: Mechanism, outcomes and advantages over other techniques'
Invited Speaker, BRASCRS, Xiii Congresso Internacional de Catarata e Cirurgia Refrativa
 April 2-5, 2014, Rio de Janeiro, Brazil
615. 'Shaping the future of refractive surgery – SMILE'
Invited Speaker, Carl Zeiss Meditec Symposium
 BRASCRS, Xiii Congresso Internacional de Catarata e Cirurgia Refrativa
 April 2-5, 2014, Rio de Janeiro, Brazil
616. 'Refractive Surgery Screening'
Invited Speaker, BRASCRS, Xiii Congresso Internacional de Catarata e Cirurgia Refrativa
 April 2-5, 2014, Rio de Janeiro, Brazil

617. 'Treatment of cases by SMILE not considered candidates for LASIK and PRK'
Invited Speaker, DGII Deutschsprachige Gesellschaft fuer Intraokularlinsen-Implantation, interventionelle und refractive Chirurgie
March 7-8, 2014, Bochum, Germany
618. 'Correction of corneal complications using topography and sub-surface topographically driven data'
Invited Speaker, DGII Deutschsprachige Gesellschaft fuer Intraokularlinsen-Implantation, interventionelle und refractive Chirurgie
March 7-8, 2014, Bochum, Germany
619. 'Current and Future Refractive Surgery Frontiers: What is currently available outside US FDA jurisdiction and what may never be possible within FDA jurisdiction'
Invited Speaker, Basic Science Course in Ophthalmology, Columbia University New York
January 25, 2014, New York, USA
620. 'SMILE: Scientific rationale for why ReLEx is the future of corneal refractive surgery'
Skype Presentation, Bangalore Meeting India
11 January 2014, Bangalore, India
621. 'PRESBYOND Laser Blended Vision: The highest standard by far in presbyopic correction'
Skype Presentation, Bangalore Meeting India
11 January 2014, Bangalore, India
622. 'A step-by-step primer to starting LASIK in 2013'
Course Instructor, American Academy of Ophthalmology
15-19 November 2013, New Orleans, United States
623. 'Mathematical Model to Compare the Relative Tensile Strength of the Cornea after PRK, LASIK and Small Incision Lenticule Extraction (SMILE)
Invited Speaker, The Journal of Refractive Surgery, American Academy of Ophthalmology
15-19 November 2013, New Orleans, United States
624. 'Epithelial Measurement and Healing'
Keynote Lecture, International Society of Refractive Surgery / American Academy of Ophthalmology
15-19 November 2013, New Orleans, United States
625. 'Corneal surgery assisted by femtosecond laser'
Course Instructor, European Society of Cataract and Refractive Surgery
5-9 October 2013, Amsterdam, The Netherlands
626. 'Laser Refractive Correction for presbyopia'
Invited Speaker, ISRS Symposium, European Society of Cataract and Refractive Surgery
5-9 October 2013, Amsterdam, The Netherlands
627. 'Treatment strategy for the custom ablation of visually disturbing irregular astigmatism after refractive surgery and in keratoconus'
Course Instructor, European Society of Cataract and Refractive Surgery
5-9 October 2013, Amsterdam, The Netherlands
628. 'Complications after LASIK or PRK: achieving excellent outcomes in therapeutic corneal refractive surgery'
Course Instructor, European Society of Cataract and Refractive Surgery
5-9 October 2013, Amsterdam, The Netherlands
629. 'Small incision lenticule extraction for myopia and astigmatism'
Course Instructor, European Society of Cataract and Refractive Surgery
5-9 October 2013, Amsterdam, The Netherlands

630. 'Aberration induction in surgery in presbyopia: benefits and detriments to visual function in cataract and corneal refractive surgery'
Course Instructor, European Society of Cataract and Refractive Surgery
 5-9 October 2013, Amsterdam, The Netherlands
631. 'PRESBYOND @ Laser Blended Vision with new Excimer Technology'
Invited Speaker, Carl Zeiss Meditec Lunch Symposium
 European Society of Cataract and Refractive Surgery
 5-9 October 2013, Amsterdam, The Netherlands
632. 'Very high frequency ultrasound for the imaging of the cornea'
Invited Speaker, European Society of Cataract and Refractive Surgery
 5-9 October 2013, Amsterdam, The Netherlands
633. 'Optimizing Ocular Aberrations in the Treatment of Presbyopia'
Invited Speaker, Presbyopia
 4 October 2013, Amsterdam, The Netherlands
634. 'Outcomes of Corneal Presbyopia using Algorithms'
Invited Speaker, Presbyopia
 4 October 2013, Amsterdam, The Netherlands
635. 'What's new in intra-lamellar keratorefractive surgery'
Invited Speaker, UKISCRS Annual Meeting
 5-6 September 2013, Manchester, United Kingdom
636. 'ReLEx SMILE: The advantages over LASIK or PRK by leaving the anterior cornea intact'
Invited Speaker, Meet the Experts Carl Zeiss Meditec Session
 APACRS Asia-Pacific Association of Cataract & Refractive Surgeons
 11-12 July 2013, Singapore, Indonesia
637. 'PRESBYOND Laser Blended Vision: The highest standard in presbyopic correction'
Invited Speaker, Meet the Experts Carl Zeiss Meditec Session
 APACRS Asia-Pacific Association of Cataract & Refractive Surgeons
 11-12 July 2013, Singapore, Indonesia
638. 'ReLEx SMILE and PRESBYOND Laser Blended Vision – Refinements on Corneal and Refractive Surgery'
Invited Speaker, Carl Zeiss Meditec Session Innovation Symposium
 APACRS Asia-Pacific Association of Cataract & Refractive Surgeons
 11-12 July 2013, Singapore, Indonesia
639. 'The Search for the Holy Grail in Presbyopia Correction'
Invited Speaker, Keynote Speech, ACOS American-European Congress of Ophthalmic Surgery
 28-30 June 2013, Cannes, France
640. 'When structure meets function: what have we learned these 20 years'
Invited Speaker, COS Centre d'Ophtalmologie Specialisee
 28 June 2013, Lausanne, Switzerland
641. 'Very high-frequency digital ultrasound'
Invited Speaker, Imaging Symposium, BSRS British Society of Refractive Surgery
 29-30 June 2013, Belfry, United Kingdom
642. 'Lasers then and now: MEL 80'
Invited Speaker, Imaging Symposium, BSRS British Society of Refractive Surgery
 29-30 June 2013, Belfry, United Kingdom
643. 'Artemis keratoconus screening based on epithelial thickness profiles and patterns'
Invited Speaker, Refr@ctive Online & SICSSO
 27-28 June 2013, Siena, Italy

644. 'Artemis-guided transepithelial PTK'
Invited Speaker, Refr@ctive Online & SICSSO
27-28 June 2013, Siena, Italy
645. 'Impact of the epithelium in irregular astigmatism'
Invited Speaker, Refr@ctive Online & SICSSO
27-28 June 2013, Siena, Italy
646. 'Disadvantages of ReLEx smile – are there any?'
Invited Speaker, Carl Zeiss Meditec Users Meeting
May 31 - 2 June 2013, Mallorca, Spain
647. 'PRESBYOND Laser Blended Vision: Scientific concept and proof'
Invited Speaker, Carl Zeiss Meditec Users Meeting, Symposium
May 31 - 2 June 2013, Mallorca, Spain
648. 'The facts and physics of why only the VisuMax can cut with same or better-than excimer laser precision in cornea'
Invited Speaker, Carl Zeiss Meditec Users Meeting, Symposium
May 31 - 2 June 2013, Mallorca, Spain
649. 'ReLEx smile: The advantages over LASIK or PRK by leaving the anterior cornea intact'
Invited Speaker, Carl Zeiss Meditec Users Meeting, Symposium
May 31 - 2 June 2013, Mallorca, Spain
650. 'Enhancement options after primary ReLEx smile'
Invited Speaker, Carl Zeiss Meditec Users Meeting, Symposium
May 31 - 2 June 2013, Mallorca, Spain
651. 'PRESBYOND Laser Blended Vision – Scientific concept, outcomes and comparison to other presbyopic surgical techniques' – 'PRESBYOND, le nouveau module de traitement de la presbytie en chirurgie corneenne'
Invited Speaker, SFO – Societe Francaise d'Ophthalmologie
May 11-12, 2013, Paris, France
652. 'Laser Blended Vision'
Invited Speaker, Paris Refractive Surgery Teaching Day at Ile-de-France and Centre Hospitalier National d'Ophtalmologie (CHNO) des Quinze-Vingts
April 6, 2013, Paris, France
653. 'Performing the perfect LASIK procedure'
Invited Speaker, Paris Refractive Surgery Teaching Day at Ile-de-France and Centre Hospitalier National d'Ophtalmologie (CHNO) des Quinze-Vingts
April 6, 2013, Paris, France
654. 'SMILE'
Invited Speaker, Trends of Ophthalmology Meeting 2013
February 7, 2013, London, United Kingdom
655. 'Beyond the 2012 state of the art in refractive surgery'
Invited Speaker, Basic Science Course Columbia University
January 26, 2013, New York, USA
656. 'The perfect LASIK Procedure & Common Complication Management'
Invited Speaker, Basic Science Course Columbia University
January 26, 2013, New York, USA

657. 'The next refinement in presbyopic corneal surgery with Laser Blended Vision: Wavefront-guided PRESBYOND®'
Invited Speaker, Carl Zeiss Meditec Refractive Symposium, American Academy of Ophthalmology
November 9-13, 2012, Chicago, USA
658. 'Blended Vision: Concept and Experimental Evidence'
Course Faculty, American Academy of Ophthalmology
November 9-13, 2012, Chicago, USA
659. 'Limitations of topography or wavefront guided therapeutic ablations require epithelial profile and sub-surface stromal shape'
Course Faculty, American Academy of Ophthalmology
November 9-13, 2012, Chicago, USA
660. 'The Routine LASIK Procedure'
Course Instructor, American Academy of Ophthalmology
November 9-13, 2012, Chicago, USA
661. 'Point: Monovision is the Way for Laser Vision Correction'
Invited Speaker, Refractive Subspecialty Day, American Academy of Ophthalmology
November 9-13, 2012, Chicago, USA
662. 'The Physics of Laser Eye Surgery'
Invited Speaker, Physics Forum Latymer Upper School
September 28, 2012, London, United Kingdom
663. ReLEx SMILE: Benefits of keyhole femtosecond corneal refractive surgery over LASIK'
Invited Speaker, UKISCRS
September 27-28, 2012, Brighton, United Kingdom
664. 'Therapeutic refractive surgery'
Invited Speaker, Sally Letson Symposium
September 20-22, 2012, Ottawa, Canada
665. 'All femtosecond corneal refractive surgery'
Invited Speaker, Sally Letson Symposium
September 20-22, 2012, Ottawa, Canada
666. 'Unique applications of high resolution 3D epithelial and stromal mapping in corneal refractive surgery'
Invited Speaker, Sally Letson Symposium
September 20-22, 2012, Ottawa, Canada
667. 'Excimer Laser Presby Cornea: Zeiss Meditec – Blended Vision'
Invited Speaker, Sally Letson Symposium
September 20-22, 2012, Ottawa, Canada
668. 'Understanding how epithelial profile masks the sub-surface stromal shape and limits the effectiveness of topography and wavefront guided therapeutic surgery'
Course Faculty, European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
669. 'Limitations of topography or wavefront guided therapeutic ablations require epithelial profile and sub-surface stromal shape'
Course Faculty, European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy

670. 'Scientific rationale for why femtorefractive keratomileusis is the future of corneal refractive surgery'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
671. 'Limitations of topography or wavefront guided therapeutic ablations require epithelial profile and sub-surface stromal shape'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
672. 'Very High Frequency Ultrasound for the imaging of the cornea'
Invited Speaker, Workshop on Visual Optics, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
673. 'ReLEx smile: The final frontier in perfecting corneal refractive surgery for patients and surgeons alike'
Invited Speaker, CZM Lunch Symposium, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
674. 'The next refinement in presbyopic corneal surgery with Laser Blended Vision: Wavefront-guided PRESBYOND'
Invited Speaker, CZM Lunch Symposium, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
675. 'Clinical outcomes and visual quality for LASIK integrating spherical aberration control for correction in myopic, hyperopic and emmetropic presbyopia'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
676. 'The next refinement in presbyopic corneal surgery with Laser Blended Vision: Wavefront-guided PRESBYOND'
Invited Speaker, European Society of Cataract and Refractive Surgery
 September 8-12, 2012, Milan, Italy
677. 'PRESBYOND Laser Blended Vision: Concept and Experimental Evidence'
Invited Speaker, ISOP Presbyopia International 2012
 September 7, 2012, Milan, Italy
678. 'Keynote – LASIK for Presbyopia by Spherical Modulation'
Invited Speaker, Femto & Presby Ophthalmic Solutions in Cataract and Refractive Surgery Symposium (OSCARS)
 June 30 – July 1, 2012, Cannes, France
679. 'Laser Blended Vision: The highest standard in presbyopic correction'
Invited Speaker, BOW Balkan Ophthalmic Wetlab Course 2012
 June 29-30, 2012, Sofia, Bulgaria
680. 'Femtosecond Laser Refractive Surgery'
Invited Speaker, BOW Balkan Ophthalmic Wetlab Course 2012
 June 29-30 2012, Sofia, Bulgaria
681. **Live Surgery SMILE**, BOW Balkan Ophthalmic Wetlab Course 2012
 June 29-30, 2012, Sofia, Bulgaria
682. 'Femtosecond Laser Refractive Surgery'
Invited Speaker, British Society of Refractive Surgery Annual Congress
 June 23-24, 2012, The Belfry, West Midlands, United Kingdom

683. 'Corneal refractive surgery'
Invited Speaker, University College Hospital Ophthalmic Study Day
 June 22, 2012, London, United Kingdom
684. 'Corneal Presbyopia Surgery: Laser Blended Vision'
Invited Speaker, XIIth State of the Art Refractive and Cataract Surgery Symposium
 June 15, 2012, Hull, United Kingdom
685. 'Keyhole LASIK – Future of Laser Eye Surgery?'
Invited Speaker, XIIth State of the Art Refractive and Cataract Surgery Symposium
 June 15, 2012, Hull, United Kingdom
686. 'LBV: The highest standard in presbyopic correction'
Invited Speaker, International Refractive Symposium Carl Zeiss
 June 1-2, 2012, Limassol, Cyprus, Greece
687. 'My practise: Is the UK ready for ReLEx?'
Invited Speaker, International Refractive Symposium Carl Zeiss
 June 1-2, 2012, Limassol, Cyprus, Greece
688. 'ReLEx: Corneal Sensitivity and Biomechanical influence on spherical aberration induction'
Invited Speaker, International Refractive Symposium Carl Zeiss
 June 1-2, 2012, Limassol, Cyprus, Greece
689. 'The future of refractive surgery'
Invited Speaker, British Contact Lens Association
 May 24-27, 2012, Birmingham, United Kingdom
690. 'Corneal Tomography by VHF digital Ultrasound: reaching the parts that other technologies cannot reach'
Invited Speaker, Royal College of Ophthalmologists Annual Congress
 May 15-17, 2012, Liverpool, United Kingdom
691. 'Laser Blended Vision versus multifocal iol implantation in the treatment of presbyopia'
Invited Speaker, Scientific Symposium 'BOLC 15 years', Belgian Ocular Laser Center
 May 5, 2012, Ghent, Belgium
692. 'Laser Blended Vision: rationally the best possible option for the correction of presbyopia with emmetropia, myopia and hyperopia'
Invited Speaker, Carl Zeiss Meditec Meeting 'Presbytie: les solutions refractives Carl Zeiss'
 April 26, 2012, Paris, France
693. 'Aberration Induction Surgery in Presbyopia: Benefits and Deprivments to Visual Function in Cataract and Corneal Refractive Surgery'
Course Instructor, American Society of Cataract and Refractive Surgery
 April 21-24, 2012, Chicago, USA
694. 'Epithelial Mapping with the RTVue SD-OCT and future clinical applications in corneal refractive surgery'
Invited Speaker, Optovue Symposium, American Society of Cataract and Refractive Surgery
 April 21-24, 2012, Chicago, USA
695. 'After Dinner Speech'
Invited Speaker, St John's College Medical Society Dinner
 March 9, 2012, Cambridge, United Kingdom
696. 'The Road less travelled... a Johnian medic's unconventional journey to academic clinical practice, huge job satisfaction and a happy life'
Invited Speaker, Careers Talk, St John's College, Medical Society
 March 9, 2012, Cambridge, United Kingdom

697. 'Scientific rationale why control of spherical aberration is the optimal solution for presbyopic corrections'
Invited Speaker Web Cast Lecture, AIOC All India Ophthalmological Conference
February 3, 2012, Cochin, Kerala, India
698. 'Corneal Refractive Surgery Technology and Management'
Invited Speaker, Basic Science Course of Ophthalmology 2012, Columbia University New York
January 28, 2012, New York, USA
699. 'Laser Blended Vision'
Live Surgery, Carl Zeiss Meditec Live Surgery Event 'ReLEx smile'
December 1-4, 2011, Mexico City, Mexico
700. 'ReLEx SMILE'
Live Surgery, Carl Zeiss Meditec Live Surgery Event 'ReLEx smile'
December 1-4, 2011, Mexico City, Mexico
701. 'Laser Blended Vision: Inducing 'good' aberrations for correcting presbyopia'
Invited Speaker, Live Surgery Event 'ReLEx smile'
December 1-4, 2011, Mexico City, Mexico
702. 'Scientific rationale for why ReLEx SMILE is the corneal refractive procedure of the future'
Invited Speaker, Live Surgery Event 'ReLEx smile'
December 1-4, 2011, Mexico City, Mexico
703. 'Epithelium is the Clue to Finding the Bulge'
Invited Speaker, American Academy of Ophthalmology Subspecialty Day
October 20-25, 2011, Orlando, United States of America
704. 'Laser Blended Vision: Using the Most Natural Optical Language of the Visual System for Treating Presbyopia'
Invited Speaker, American Academy of Ophthalmology, Carl Zeiss Meditec Booth Presentation
October 20-25, 2011, Orlando, United States of America
705. 'Clinical Evaluation of the Effect of Adding Sulcus Diameter to ICL Sizing on the Predictability of Postop Vault Height'
Invited Speaker, American Academy of Ophthalmology Subspecialty Day
October 20-25, 2011, Orlando, United States of America
706. 'Mel80 Laser Blended Vision'
Course Faculty, American Academy of Ophthalmology
October 20-25, 2011, Orlando, United States of America
707. 'The routine LASIK procedure'
Course Instructor, American Academy of Ophthalmology
October 20-25, 2011, Orlando, United States of America
708. 'The Challenging Patient: Risk Management and Optimizing Patient Satisfaction by Effectively Managing Personality Styles'
Course Faculty, American Academy of Ophthalmology
October 20-25, 2011, Orlando, United States of America
709. 'Regression after hyperopic LASIK: laser or lens surgery'
Invited Speaker, UKISCRS Annual Meeting
October 13-14, 2011, Southport, United Kingdom
710. 'Moderate to High Myopia – LASIK best option'
Invited Speaker, UKISCRS Annual Meeting
October 13-14, 2011, Southport, United Kingdom

711. 'Diagnostic technology and techniques for complicated cases after refractive surgery'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
712. 'Treatment options for small optical zone / high spherical aberration (induced night vision glare and halos)'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
713. 'Treatment options for decentration'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
714. 'Treatment options for irregularly irregular astigmatism'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
715. 'Excimer laser presbyLASIK techniques: Peripheral presbyLASIK techniques'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
716. 'Corneal structural analysis of complicated corneas using Artemis VHF digital ultrasound scanning'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
717. 'Treatment of complex cases combining internal corneal anatomical data with an excimer laser'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
718. 'Laser Blended Vision: Using the most natural optical language of the visual system for treating presbyopia'
Invited Speaker, Carl Zeiss Meditec Symposium 'Highlights in Corneal and Cataract Surgery'
 European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
719. 'Very high frequency ultrasound for the imaging of the cornea'
Invited Speaker, Workshop on Visual Optics, ESCRS
 September 16-20, 2011, Vienna, Austria
720. 'Mel80 Laser Blended Vision' in 'Presbyopia, the corneal approach: state of the art'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 16-20, 2011, Vienna, Austria
721. 'The History of LASIK: From Lathes to Lasers'
Film Presentation, Southern African Society of Cataract & Refractive Surgery
 August 19-20, 2011, Durban, South Africa
722. 'Laser Blended Vision: The end of Multifocal IOLs for Presbyopia?'
Invited Speaker, Southern African Society of Cataract & Refractive Surgery
 August 19-20, 2011, Durban, South Africa
723. 'ReLEx: The Final Frontier of Corneal Refractive Surgery'
Invited Speaker, Southern African Society of Cataract & Refractive Surgery
 August 19-20, 2011, Durban, South Africa
724. 'Present Pearls and Future Advances in Diagnosis and Therapeutic Treatment of Refractive Corneal Complications'
Invited Speaker, Southern African Society of Cataract & Refractive Surgery
 August 19-20, 2011, Durban, South Africa

725. 'Extending the range of Corneal Refractive Surgery to above +5.00 above -10.00 D'
Invited Speaker, Southern African Society of Cataract & Refractive Surgery
 August 19-20, 2011, Durban, South Africa
726. 'High Frequency Ultrasound Imaging'
Invited Speaker, 1st Joint International Congress ISRS Refr@ctive Online and SICSSO
 July 7-9, 2011, Tuscany, Italy
727. 'Femtosecond Laser Symposium: Flaps'
Invited Speaker, British Society for Refractive Surgery 18th Annual Scientific Congress
 June 25-26, 2011, Belfry West Midlands, United Kingdom
728. 'Surgical Management of corneal dystrophies'
Invited Speaker, BCLA British Contact Lens Association Clinical Conference & Exhibition
 May 27, 2011, Manchester, United Kingdom
729. 'Excimer Laser Complications: Flap Wrinkles'
Invited Speaker, RCO Royal College of Ophthalmologists Annual Congress
 May 24-26, 2011, Birmingham, United Kingdom
730. 'Very high myopic LASIK using new hybrid aspheric profiles'
Invited Speaker, Carl Zeiss Meditec International Refractive User Symposium
 April 9-10, 2011, Dubai, United Arab Emirates
731. 'Laser Blended Vision – the safest and most effective solution for emmetropic, myopic and hyperopic presbyopia'
Invited Speaker, Carl Zeiss Meditec International Refractive User Symposium
 April 9-10, 2011, Dubai, United Arab Emirates
732. 'History of Keratomileusis: From Lathes to LASIK'
Film Presentation, American Society for Cataract and Refractive Surgery
 March 25-28, 2011, San Diego, USA
733. 'Multifocal Ablations: centre near, off-centre, hyperopic and aspheric ablations'
Invited Speaker, Combined Symposium of Cataract and Refractive Societies
 American Society for Cataract and Refractive Surgery
 March 25-28, 2011, San Diego, USA
734. 'Management of Complicated Cases in Cataract and Refractive Surgery (Presented in Spanish)'
Invited Speaker, American Society for Cataract and Refractive Surgery Symposium
 March 25-28, 2011, San Diego, USA
735. 'Laser Blended Vision – The Safest and Most Effective Solution for Emmetropic, Myopic and Hyperopic Presbyopia'
Invited Speaker, Carl Zeiss Meditec Refractive Laser Symposium 'Innovations and Highlights in Refractive Surgery', American Society for Cataract and Refractive Surgery
 March 25-28, 2011, San Diego, USA
736. 'Laser Blended Vision'
Invited Speaker, International Refractive User Symposium Kuala Lumpur 2010
 November 25-28, 2010, Kuala Lumpur, Malaysia
737. 'Very high myopic LASIK using new hybrid aspheric profiles'
Invited Speaker, International Refractive User Symposium Kuala Lumpur 2010
 November 25-28, 2010, Kuala Lumpur, Malaysia
738. 'Accuracy of the VisuMax Femtosecond Laser'
Invited Speaker, International Refractive User Symposium Kuala Lumpur 2010
 November 25-28, 2010, Kuala Lumpur, Malaysia

739. 'Treatment of emmetropic or ametropic presbyopia by corneal aberration modification'
Invited Speaker, USISCRS Annual Meeting
November 11, 2010, Brighton, United Kingdom
740. 'Safety and Efficacy of new profiles designed for low-tissue consumption high myopic corneal refractive surgery'
Invited Speaker, USISCRS Annual Meeting
November 11, 2010, Brighton, United Kingdom
741. 'A step-by-step primer to starting LASIK in 2010'
Course Instructor, American Academy of Ophthalmology
October 15-19, 2010, Chicago, USA
742. 'The challenging patient: Risk management and optimizing patient satisfaction by effectively managing personality styles'
Course Faculty, American Academy of Ophthalmology
October 15-19, 2010, Chicago, USA
743. 'Safety, efficacy, contrast sensitivity, and stereo acuity after corneal presbyopic LASIK in emmetropic patients'
Invited Speaker, American Academy of Ophthalmology, Subspecialty Day
October 15-19, 2010, Chicago, USA
744. 'The Future of the MEL80 Zeiss System'
Invited Speaker, American Academy of Ophthalmology, Subspecialty Day
October 15-19, 2010, Chicago, USA
745. 'Setting the clock back on ageing eyes: treating presbyopia by laser eye surgery'
Invited Speaker, 7th Annual Anti-Ageing Conference
September 10-12, 2010, London, United Kingdom
746. 'Corneal surgical techniques of managing astigmatism: excimer ablation'
Invited Speaker, Symposium on 'Astigmatism'
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
747. 'LASIK in young patients with large pupils'
Invited Speaker, ISRS Symposium 'Controversies: Refractive Surgery, Corneal Collagen Cross Linking and Refractive Cataract Surgery'
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
748. 'Peripheral presbyLASIK techniques'
Course Faculty, European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
749. 'Complications after LASIK or PRK: achieving excellent outcomes in therapeutic corneal refractive surgery'
Course Instructor, European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
750. 'Laser Blended Vision – the Safest and Most Effective Solution for Emmetropic, Myopic and Hyperopic Presbyopia'
Invited Speaker, Carl Zeiss Meditec Lunch Symposium 'Innovations in Refractive Surgery: ReLEx and Laser Blended Vision'
European Society of Cataract and Refractive Surgery
September 3-7, Paris, France

751. 'Very high frequency ultrasound for the imaging of the cornea'
Invited Speaker, Workshop on Visual Optics 'Imaging the Human Eye'
Basic Optics Course, European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
752. 'History of LASIK' Video presentation
Presenter and **Producer**, Symposium '20/10 in 2010: The 20th Anniversary of LASIK'
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
753. 'How does LBV work in principle? How does it work in daily practice?'
Invited Speaker, LBV User Breakfast Meeting
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
754. 'Ordinary and special use of contrast sensitivity testing in refractive surgery'
Course Instructor, European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
755. 'Artemis VHF digital ultrasound guided repair of irregular corneal surfaces – Ultrasound guided PTK – Zeiss Mel 80'
Course Instructor, European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
756. 'Surface and sub-surface corneal diagnostic technology in refractive surgery complications'
Invited Speaker, Clinical Research Symposia 'New Technology Applications in Ophthalmic Surgery'
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
757. 'Laser Blended Vision – the safest and most effective solution for emmetropia, myopic and hyperopic presbyopia'
Invited Speaker, British Society of Refractive Surgery
June 27, 2010, Belfry Birmingham, United Kingdom
758. 'VisuMax' in 'The Femtosecond Face-Off'
Invited Speaker, World Ophthalmology Congress
June 5-8, 2010, Berlin, Germany
759. 'Surface and sub-surface corneal diagnostic technology in refractive surgery complications'
Invited Speaker, World Ophthalmology Congress
June 5-8, 2010, Berlin, Germany
760. 'Laser Blended Vision – the safest and most effective solution for emmetropic, myopic and hyperopic presbyopia'
Invited Speaker, Carl Zeiss Meditec Lunch Symposium, World Ophthalmology Congress
June 5-8, 2010, Berlin, Germany
761. 'Ultrasound and ultrasound biomicroscopy (UBM)' in 'Anterior Segment Imaging'
Invited Speaker, Royal College of Ophthalmologists Annual Congress
May 25, 2010, Liverpool, United Kingdom
762. 'The role of VHF digital ultrasound diagnostics in the scientific advancement of corneal and intraocular refractive surgery'
Invited Speaker, Coleman Lecture
April 15, 2010, New York, USA

763. 'Laser Blended Vision for Presbyopia: Seven-in-one LASIK'
Invited Speaker, Carl Zeiss Meditec Booth talk
American Society for Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
764. 'Is ReLEx a Potential Treatment Method for all Femtosecond Laser Systems'
Invited Speaker, Zeiss Refractive Laser Innovations: Enhancing Refractive Surgery with the VisuMax ReLEx Procedure', American Society of Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
765. 'Controversies in Topographic Evaluation'
Course Faculty, American Society of Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
766. 'The Day after Tomorrow'
Invited Speaker, Professor John Marshall Academic Day of Lectures
March 26, 2010, London, United Kingdom
767. 'Keynote, LASIK, IntraLASIK and surface ablation. Which one is the best surgical procedure?'
Invited Speaker, 1er Congreso Fundacional ASETCIRC
January 29, 2010, Madrid, Spain
768. 'The Routine Procedure'
Course Instructor, A Step-by-Step Primer to Starting LASIK in 2009
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
769. 'Sequential Therapeutic Corneal Refractive Surgery'
Invited Speaker, ISRS/AAO Symposium
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
770. 'The new CRS-Master Laser Blended Vision module: Age optimized treatments for the management of Presbyopia with Hyperopia, Myopia or Emmetropia'
Invited Speaker, Carl Zeiss Meditec Innovation Symposium
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
771. 'The Great Femtosecond Face-off: Carl Zeiss Meditec VisuMax'
Course Faculty, American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
772. 'FLEx Procedure: LASIK without an Excimer'
Invited Speaker, Subspecialty Day: Hot, Hotter, Hottest: Late Breaking News
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
773. 'Laser Blended Vision – A new method of managing presbyopia by LASIK regardless of refractive error in an age optimized fashion'
Invited Speaker, Carl Zeiss Meditec Booth Presentation
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
774. 'Artemis Consolidated'
Invited Speaker, Artemis Board Meeting
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA

775. 'Innovation Category'
Video Presentation, Videocatarattarefrattiva
 October 16-17, 2009, Milan, Italy
776. 'LASIK for high myopia: New Considerations'
Invited Speaker, Main Symposium 'Surgical Solutions for High Refractive Errors'
 European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
777. 'Ultrasound guided PTK - Zeiss MEL 80'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
778. Artemis VHF digital ultrasound guided repair of irregular corneal surfaces'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
779. 'The new CRS-Master Laser Blended Vision module - accurate LASIK treatment for presbyopia in Plano, myopic and hypermetropic patients without visual compromises in contrast sensitivity or stereopsis'
Invited Speaker, Carl Zeiss Meditec Innovation Symposium
 European Society of Cataract and Refractive Surgery
 September 12-16. 2009, Barcelona, Spain
780. 'Ordinary and Special Use of Contrast Sensitivity Testing in Refractive Surgery'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
781. 'Exploring the anterior segment of the eye'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
782. 'Confocal microscopy and ultrasound imaging of the cornea'
Invited Speaker, Workshop on Visual Optics
 European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
783. 'Wider Limits' in 'Excimer Laser for Hyperopia: What are Age and Degree Limits?'
Invited Speaker, JCRS Symposium on 'Controversies in Cataract and Refractive Surgery'
 European Society of Cataract and Refractive Surgery
 September 12-16, 2009, Barcelona, Spain
784. 'Blended Vision with Refractive Surgery'
Invited Speaker, Presbyopia 2009
 September 11, 2009, Barcelona, Spain
785. 'Dry eye in corneal laser patients'
Invited Speaker, Annual Congress of The Royal College of Ophthalmologists
 May 19-21, 2009, Birmingham, UK
786. 'Laser Blended Vision with the CZM Excimer Platform for the Management of Presbyopia with Hyperopia, Myopia or Emmetropia'
Invited Speaker, CZM Symposium 'Optimizing Outcomes with Advanced Technologies', ASCRS
 April 2-7, 2009, San Francisco, USA
787. 'Introduction to the design and performance characteristics of the VisuMax Femtosecond Laser'
Course Faculty, American Society of Cataract and Refractive Surgery
 April 2-7, 2009, San Francisco, USA

788. 'Screening for keratoconus using epithelial thickness profiles'
Course Faculty, American Society of Cataract and Refractive Surgery
April 2-7, 2009, San Francisco, USA
789. 'Diagnostic and Therapeutic Relevance of Epithelial Thickness Profiles in Corneal Crosslinking'
Invited Speaker, ASCRS Symposium 'Controversies in Corneal Collagen Crosslinking'
April 2-7, 2009, San Francisco, USA
790. 'Corneal refractive surgery complications presenting to an NHS emergency department'
Invited Speaker, Regional Study Day, St Thomas Hospital
March 25, 2009, London, United Kingdom
791. 'Expert LASIK for beginners'
Invited Speaker, Regional Study Day, St Thomas Hospital
March 25, 2009, London, United Kingdom
792. 'The ultimate ablation: excimer refractive surgery'
Invited Speaker, Royal Society of Medicine
March 23, 2009, London, United Kingdom
793. 'The ultimate ablation: excimer refractive surgery' in 'Laser weapons in ophthalmology and in war'
Invited Speaker, Royal Society of Medicine
March 12, 2009, London, United Kingdom
794. 'Introduction to refractive surgery'
Invited Speaker, London Bridge Hospital
January 29, 2009, London, United Kingdom
795. 'Monovision - What can we learn from Corneal Laser Surgery'
Invited Speaker, Trends in Ophthalmology Annual Meeting, St Thomas' Hospital
January 23, 2009, London, United Kingdom
796. 'VisuMax Femtosecond Laser System'
Invited Speaker, Carl Zeiss Meditec Symposium, American Academy of Ophthalmology
November 8-11, 2008, Atlanta, USA
797. 'Topography in 2008: What Every Surgeon Needs to Know'
Course Faculty, American Academy of Ophthalmology
November 8-11, 2008, Atlanta, USA
798. 'ISRS/AAO Sponsored A Step-by-Step Primer to Starting LASIK in 2008'
Course Instructor, American Academy of Ophthalmology
November 8-11, 2008, Atlanta, USA
799. 'The Role of the Epithelium in the Detection of Forme Fruste Keratoconus'
Invited Speaker, The Journal of Refractive Surgery, AAO Subspecialty Day in 'Refractive Surgery: The Danger Zone'
November 7-8, 2008, Atlanta, USA
800. 'Secrets of Success'
Invited Speaker, The Telegraph Business Club
October 7, 2008, London, United Kingdom
801. 'LASIK is safe in the long run; looking back at 50 years of lamellar corneal surgery'
Invited Speaker, Symposium 'Veiligheid & Moderne Refractiechirurgie', VisionClinics
October 3, 2008, Utrecht, The Netherlands

802. 'Clinical Outcomes and Assessment of Flap Thickness Accuracy and precision by 3D VHF ultrasound scanning in femto LASIK with the VisuMax femtosecond laser system'
Invited Speaker, Carl Zeiss Innovation Symposium 'Refractive Surgery Highlights'
September 15, 2008, Berlin, Germany
803. 'Exploring the anterior segment of the eye'
Course Instructor, European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
804. 'Imaging the Cornea' in 'Imaging the Human Eye'
Invited Speaker, Workshop on Visual Optics, European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
805. 'Artemis VHF digital ultrasound guided repair of irregular corneal surfaces' in 'Customized ablation in management of irregular astigmatism'
Course Faculty, European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
806. 'Centration along pupil or visual axis in corneal laser surgery' in 'Ocular Alignment'
Invited Speaker, Clinical Research Symposium, European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
807. 'Outcomes of Presbyopic Micro-Monovision LASIK for Myopia, Hyperopia and Emmetropia'
Invited Speaker, International Society of Presbyopia
September 12, 2008, Berlin, Germany
808. 'Introduction to refractive surgery'
Invited Speaker, London Bridge Hospital
September 3, 2008, London, United Kingdom
809. 'Presbyopic LASIK: Laser Blended Vision' in 'Bring a case – members present interesting or challenging cases'
Invited Speaker, British Society of Refractive Surgery
July 5-6, 2008, Oxford, United Kingdom
810. 'Hyperopic treatment debate: Corneal treatment is best' (versus 'Lens treatment is best')
Invited Speaker, British Society of Refractive Surgery
July 5-6, 2008, Oxford, United Kingdom
811. 'Accuracy and Reproducibility of Flap Thickness with the VisuMax Femtosecond Laser System', IV-RS-073
Video Presentations, World Ophthalmology Congress
June 28-July 2, 2008, Hong Kong, SAR
812. 'Topography-guided retreatment for the 'Sins' of Refractive Surgery (Mel 80)' in Refractive Surgery Symposium 'Best Excimer Laser'
Invited Speaker, World Ophthalmology Congress
June 28-July 2, 2008, Hong Kong, SAR
813. 'Phakic IOL Sizing'
Invited Speaker (on behalf of Carlo Lovisolo), World Ophthalmology Congress
June 28-July 2, 2008, Hong Kong, SAR
814. 'Detection of Keratoconus – Analysis Based on Epithelial Thickness Profiles'
Invited Speaker, World Ophthalmology Congress
June 28-July 2, 2008, Hong Kong, SAR

815. 'Residual Stromal Thickness – Probability Model of the inaccuracy of RST Prediction using different Flap-Creating Technologies'
Invited Speaker (on behalf of Timothy J. Archer), World Ophthalmology Congress
June 28-July 2, 2008, Hong Kong, SAR
816. 'Clinical Outcomes and Assessment of Flap Thickness Accuracy and Precision by 3D VHF Ultrasound Scanning in Femto LASIK with VisuMax Femtosecond Laser System'
Invited Speaker, Carl Zeiss Refractive Forum
May 24-25, 2008, Hong Kong, SAR
817. 'Introduction to the VisuMax Femto Laser System & Evaluation of IOP during the procedure'
Invited Speaker, Carl Zeiss Refractive Forum
May 24-25, 2008, Hong Kong, SAR
818. 'Introduction to the VisuMax Femtosecond Laser System and Evaluation of IOP during the Procedure'
Invited Speaker, Carl Zeiss Innovation Symposium: Refractive Highlights, ASCRS
April 4-9, 2008, Chicago, USA
819. 'Clinical Outcomes and Assessment of Flap Thickness Accuracy and Precision by 3D VHF Ultrasound Scanning in Femto LASIK with the VisuMax Femtosecond Laser System'
Invited Speaker, Carl Zeiss Innovation Symposium: Refractive Highlights, ASCRS
April 4-9, 2008, Chicago, USA
820. 'Artemis VHF digital ultrasound guided repair of irregular corneal surfaces – Ultrasound guided PTK – Zeiss Mel 80' in 'Customized Ablation in Surgical Management of irregular Astigmatism'
Course Faculty, American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
821. 'Advanced Corneal Topography for Refractive Surgeons'
Course Faculty, American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
822. 'A new treatment method for presbyopia without compromising the quality of vision'
Invited Speaker, Videocatarattarefrattiva 2008
February 15-16, 2008, Milan, Italy
823. 'Extending the range of myopic laser refractive surgery up to -15.00 D using a new custom programmed non-linear aspheric low tissue consumption ablation profile'
Invited Speaker, Videocatarattarefrattiva 2008
February 15-16, 2008, Milan, Italy
824. 'LASIK in eyes with a large angle kappa'
Invited Video presentation, Videocatarattarefrattiva 2008
February 15-16, 2008, Milan, Italy
825. 'LASIK with the Carl Zeiss Meditec VisuMax femtosecond laser system and Mel80 excimer laser'
Invited Video presentation, Videocatarattarefrattiva 2008
February 15-16, 2008, Milan, Italy
826. 'Flap Accuracy and Clinical Results combining VisuMax + Mel80 + CRS Master'
Invited Speaker, Cirugia Refractiva Internacional 2007
December 14, 2007, Barcelona, Spain
827. 'A new Method for Treating Presbyopia using the Mel80 Excimer Laser and the CRS Master'
Invited Speaker, Cirugia Refractiva Internacional 2007
December 14, 2007, Barcelona, Spain
828. 'Utility of VHF Digital Ultrasound in Improving the Safety of Refractive Surgery (Artemis)'
Invited Speaker, Cirugia Refractiva Internacional 2007
December 14, 2007, Barcelona, Spain

829. 'High Resolution Ultrasound Imaging'
Invited Speaker, Trends in Ophthalmology
 November 22, 2007, Royal Society, London, UK
830. 'Corrective Vision Eye Surgery'
Invited Speaker, GP Masterclass, Clinical Specialties
 November 21, 2007, Institute of Physics, London, UK
831. 'The Routine LASIK Procedure' in 'A Step-by-Step Primer to Starting LASIK in 2007'
Course Instructor, American Academy of Ophthalmology Annual Meeting
 November 10-13, 2007, New Orleans, USA
832. 'Clinical outcomes and assessment of the flap thickness accuracy and precision with the VisuMax femtosecond system'
Invited Speaker, American Academy of Ophthalmology Annual Meeting, Carl Zeiss Innovation Symposium: Refractive Highlights
 November 10-13, 2007, New Orleans, USA
833. 'Diagnosis and Management of Post-Refractive Surgery Complex Eyes Using Artemis 3D VHF Digital Ultrasound' in 'Custom Excimer Treatment for Complex Eyes'
Course Faculty, American Academy of Ophthalmology Annual Meeting
 November 10-13, 2007, New Orleans, USA
834. 'Can mathematical modeling prevent ectasia?' in 'Innovation in Refractive Surgery: So New it May not be True'
Course Faculty, American Academy of Ophthalmology Annual Meeting
 November 10-13, 2007, New Orleans, USA
835. 'The Combination of the VisuMax Femtosecond System and the Mel80 Excimer Laser – Results of the European VisuMax Study Group'
Invited Speaker, American Academy of Ophthalmology Annual Meeting, Carl Zeiss Booth
 November 10-13, 2007, New Orleans, USA
836. 'Ultrasound Biomicroscopy'
Invited Speaker, American Academy of Ophthalmology Cornea Subspecialty Day
 November 9-10, 2007, New Orleans, USA
837. 'Update on Diagnostics for Refractive Surgery'
Keynote Presenter, American Academy of Ophthalmology Refractive Subspecialty Day
 November 9-10, 2007, New Orleans, USA
838. 'Tratando la presbicia con Laser Excimer. Y.... tambien: Donde se aplica el laser?'
Invited Speaker, FuturOftal
 October 19-20, 2007, Madrid, Spain
839. 'Tratamientos de casos complicados: Laser guiado por topografia'
Invited Speaker, FuturOftal
 October 19-20, 2007, Madrid, Spain
840. 'Can I avoid Ectasia in all of my keratorefractive patients'
Invited Speaker, Ocular Surgery News Meeting
 October 13-14, 2007, New York, USA
841. 'Introduction to Refractive Surgery'
Invited Speaker, Metropolitan Police, Quarterly Meeting of Occupational Health Clinical Staff
 September 13, 2007, London, England
842. 'Refractive surgery with the new Zeiss VisuMax femtosecond laser & Mel 80'
Near Live Surgery Video Session, European Society of Cataract and Refractive Surgery
 September 8-12, 2007, Stockholm, Sweden

843. 'VHF digital ultrasound guided repair of irregular corneal surfaces – Ultrasound guided PTK – Zeiss Mel 80'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 8-12, 2007, Stockholm, Sweden
844. 'Assessment of VisuMax femtosecond laser flap thickness accuracy and precision'
Invited Speaker, Carl Zeiss Meditec Innovation Symposium, European Society of Cataract and Refractive Surgery
 September 8-12, 2007, Stockholm, Sweden
845. 'Very high ultrasonography - Artemis'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 8-12, 2007, Stockholm, Sweden
846. 'Exploring the anterior segment of the eye'
Course Instructor, European Society of Cataract and Refractive Surgery
 September 8-12, 2007, Stockholm, Sweden
847. 'VHF Digital Arc-Scan: Corneal Imaging'
Invited Speaker, Clinical Research Symposium, European Society of Cataract and Refractive Surgery
 September 8-12, 2007, Stockholm, Sweden
848. 'CRS Master: A complete platform for all forms of corneal refractive surgery'
Invited Speaker, 12th Congress of the Chinese Ophthalmological Society
 August 31 - September 1, 2007, Zhengzhou, China
849. 'Prevention of Ectasia in corneal refractive surgery'
Invited Speaker, 8th Dutch Symposium on Refractive Surgery
 May 11-12, 2007, Leiden, The Netherlands
850. 'LASIK is safe in the long run: Looking back at 50 years of lamellar corneal surgery'
Invited Speaker, 8th Dutch Symposium on Refractive Surgery
 May 11-12, 2007, Leiden, The Netherlands
851. 'Customized Ablation in surgical management of irregular astigmatism'
Course Faculty, American Society of Cataract and Refractive Surgery
 April 28 – May 1, 2007, San Diego, USA
852. 'Diagnosis of keratoconus as early as possible with high frequency ultrasound'
Course Faculty, American Society of Cataract and Refractive Surgery
 April 28 – May 1, 2007, San Diego, USA
853. 'Topography-guided customized laser ablation in complex refractive cases'
Course Faculty, American Society of Cataract and Refractive Surgery
 April 28 – May 1, 2007, San Diego, USA
854. 'Custom Treatment of Challenging Cases with the CRS-Master: Choice of Topography and Wavefront Treatment Modalities'
Invited Speaker, Carl Zeiss Innovation Symposium: Refractive Highlights, ASCRS
 April 28 – May 1, 2007, San Diego, USA
855. 'Assessment of VisuMax Flap Thickness Accuracy and Precision by 3D VHF Ultrasound Scanning'
Invited Speaker, Carl Zeiss Innovation Symposium: Refractive Highlights, ASCRS
 April 28 – May 1, 2007, San Diego, USA
856. 'Topographic guided ablations in a symposium covering wavefront guided, wavefront optimized and topographic guided'
Invited Speaker, Cornea Day, ASCRS
 April 27, 2007, San Diego, USA

857. **Live Surgery**, Customized Ablation
Carl Zeiss Mel 80, International User Symposium
March 23-25, 2007, Singapore
858. 'Extending the role of extraocular refractive surgery'
Invited Speaker, Carl Zeiss Mel 80, International User Symposium
March 23-25, 2007, Singapore
859. '6-Months-Results of a Wavefront-Topography-Supported Custom Ablation: Mel80 CRS-Master II'
Invited Speaker, Carl Zeiss Mel 80, International User Symposium
March 23-25, 2007, Singapore
860. 'Presbyopic LASIK without visual compromises'
Invited Speaker, Carl Zeiss Mel 80, International User Symposium
March 23-25, 2007, Singapore
861. 'Presbyopia and Aging Eyes: Turning the clock back on near vision'
Invited Speaker, Anti-Aging Medicine World Congress
March 22-24, 2007, Monte Carlo
862. 'EpiLASIK y LASEK: Con o sin flap?'
Invited Speaker, Debate, Alicante Refractiva International
March 8-10, 2007, Alicante, Spain
863. 'Ponencia: Espesor del flap. Flap grueso o flap fino?'
Invited Speaker, Alicante Refractiva International
March 8-10, 2007, Alicante, Spain
864. 'Cirugia refractiva corneal y calidad visual'
Alicante Refractiva, Official ISRA/AAO Course 'Calidad de la vision en cirugia refractive y de la caqtarata'
Invited Speaker, Alicante Refractiva International
March 8-10, 2007, Alicante, Spain
865. 'Predicting Ectasia – A new Model'
Invited Speaker, The Aspen Invitational Refractive Symposium
March 5-7, 2007, Aspen/Colorado, USA
866. 'Spotting Keratoconus as early as possible'
Invited Speaker, The Aspen Invitational Refractive Symposium
March 5-7, 2007, Aspen/Colorado, USA
867. 'Extending the role of corneal refractive surgery: presbyopia, and high ametropias'
Invited Speaker, Royal Free Hospital
January 12, 2007, London, UK
868. 'VHF Digital ultrasound scanning observations after corneal cross linking'
Invited Speaker, 2nd International Corneal Cross-Linking Congress
December 8-9, 2006, Zurich, Switzerland
869. 'High frequency ultrasound of the cornea'
Invited Speaker, Medical Contact Lens and Ocular Surface Association (MCLOSA), Ann. Meeting
November 17, 2006, Royal College of Obstetricians and Gynaecologists, London, United Kingdom
870. 'Biomechanics Section'
Invited Speaker, JRS Board Meeting, American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA

871. 'New approaches to optimizing safety and efficacy in refractive surgery using emerging technologies for high-precision biometry'
Course Instructor, American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA
872. 'Custom Excimer Treatment for Complex Eyes'
Course Faculty, American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA
873. 'C3-Riboflavin treatment for Keratoconus and other ectatic disorders'
Course Faculty, American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA
874. 'Mel 80 – The evolution of the CRS-Master custom ablation platform'
Invited Speaker, Carl Zeiss Meditec Innovation Symposium, American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA
875. 'An unexpected wave: Revolutionising the safety and efficacy of refractive surgery with ultrasound'
Invited Speaker - Keynote Talk, American Society of Ophthalmic Ultrasound
American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA
876. 'New technologies in anterior segment biometry'
Course Faculty, European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
877. **Live Surgery**, St. Anne's Hospital, Moorfields Hospital
European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
878. 'The new safety guidelines of Phakic IOL implantation'
Course Faculty, European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
879. 'Customized ablation in management of irregular astigmatism'
Course Faculty, European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
880. 'Exploring the anterior segment of the eye'
Course Faculty, European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
881. 'Spotting Keratoconus as early as possible – what techniques can we use?'
Invited Speaker, Clinical Research Symposium, ESCRS
September 9-13, 2006, London, United Kingdom
882. 'Extending the range of corneal refractive surgery'
Invited Speaker, Wenzhou Medical College
July 22, 2006, Wenzhou, China
883. 'Extending the range of corneal refractive surgery'
Invited Speaker, ENT Hospital Shanghai
July 21, 2006, Shanghai, China
884. 'Applications of high-precision 3D anatomical imaging of the cornea and anterior segment in refractive surgery'
Invited Speaker, Annual Scientific Congress, British Society for Refractive Surgery
July 1, 2006, Oxford, United Kingdom

885. 'Topography Wavefront Treatment of Refractive Corneal Complications'
Invited Speaker, Makina Users Meeting and Symposium
June 23-25, 2006, Antalya, Turkey
886. 'Extending the treatment range of high myopic corneal refractive surgery'
Invited Speaker, Scandinavian Congress of Ophthalmology (NOK)
June 18-19, 2006, Copenhagen, Denmark
887. 'Corrective vision eye surgery: Cataract and Photorefractive laser surgery'
Invited Speaker, GP Masterclass – Clinical Specialties II
June 21, 2006, BMA House, London, United Kingdom
888. 'Mel 80 and CRS Master'
Invited Speaker, Scandinavian Congress of Ophthalmology (NOK)
June 18-19, 2006, Copenhagen, Denmark
889. 'Extending the role of extraocular refractive surgery, presbyopia and high myopia'
Invited Speaker, Western Ophthalmic Hospital
June 16, 2006, London
890. 'VHF digital ultrasound scanning of the cornea in excimer laser surgery: What's it for?'
Invited Speaker, Israeli Cornea Society Annual Meeting
June 9-10, 2006, Zefat, Israel
891. 'Ocular dimensions for phakic IOL surgery: what correlates to what?'
Invited Speaker, Israeli Cornea Society Annual Meeting
June 9-10, 2006, Zefat, Israel
892. 'All you wanted to know about ectasia (but were reluctant to ask): Prevention and Treatment'
Invited Speaker, Israeli Cornea Society Annual Meeting
June 9-10, 2006, Zefat, Israel
893. 'Extending the range of corneal refractive surgery into the high myopic and hyperopic range'
Invited Speaker, Israeli Cornea Society Annual Meeting
June 9-10, 2006, Zefat, Israel
894. 'How does internal corneal anatomical information help us in solving complex corneal refractive surgical problems?'
Invited Speaker, Israeli Cornea Society Annual Meeting
June 9-10, 2006, Zefat, Israel
895. 'Modern Diagnosis and Surgical Treatment for Keratoconus and Post-LASIK Corneal Ectasia'
Course Faculty, American Society of Cataract and Refractive Surgery
March 17-22, 2006, San Francisco, USA
896. 'Prolaticity for Better Vision'
Course Faculty, American Society of Cataract and Refractive Surgery
March 17-22, 2006, San Francisco, USA
897. 'Customized Ablation in Surgical Management of Irregular Astigmatism'
Course Faculty, American Society of Cataract and Refractive Surgery
March 17-22, 2006, San Francisco, USA
898. 'Combined Wavefront and Topography Guided Treatment'
Invited Speaker, Carl Zeiss Innovation Symposium Cataract and Refractive Highlights
American Society of Cataract and Refractive Surgery
March 17-22, 2006, San Francisco, USA

899. 'High-Frequency Ultrasound Detection of Ectatic Conditions'
Invited Speaker, Symposium: Anterior Segment Imaging
 American Society of Cataract and Refractive Surgery
 March 17-22, 2006, San Francisco, USA
900. 'Everyday Use of Artemis VHF digital ultrasound scanning in optimizing outcomes and avoiding the complications of refractive surgery'
Invited Speaker, American Society of Cataract and Refractive Surgery
 March 17-22, 2006, San Francisco, USA
901. 'Customized corneal refractive surgery'
Invited Lecturer, MSc Module on Refractive Surgery, Department of Optometry, City University, University of London
 January 30, 2006, London
902. 'Managing complex refractive surgical complications'
Invited Speaker, Refractive Surgery work-shop, Ophthalmic Winter Seminar
 January 19-22, 2006, Saas Fee, Switzerland
903. 'Artemis VHF Digital Ultrasound Imaging and Biometry Applications for Optimizing the Safety of Refractive Surgery'
Invited Speaker, Ophthalmic Winter Seminar
 January 19-22, 2006, Saas Fee, Switzerland
904. 'Combined topography wavefront guided treatment'
Invited Speaker, International MEL 80 User Symposium Carl Zeiss Meditec
 November 18-20, 2005, Bangkok, Thailand
905. 'What is the best OZ (optical zone) with modern ablation profiles?'
Invited Speaker, International MEL 80 User Symposium Carl Zeiss Meditec
 November 18-20, 2005, Bangkok, Thailand
906. 'LASIK after previous refractive surgery'
Course Faculty, American Academy of Ophthalmology
 October 16-19, 2005, Chicago, USA
907. 'Advanced clinical corneal topography for refractive surgeons'
Course Faculty, American Academy of Ophthalmology
 October 16-19, 2005, Chicago, USA
908. 'Combined Topography/Wavefront guided treatment'
Invited Speaker, Carl Zeiss Meditec Symposium, American Academy of Ophthalmology
 October 16-19, 2005, Chicago, USA
909. 'New Approaches to optimizing safety and efficacy in refractive surgery using emerging technologies for high precision biometry'
Course Director, Subspecialty Day, American Academy of Ophthalmology
 October 14-15, 2005, Chicago, USA
910. 'Phakic IOLs taken to Court – Jury'
Invited Speaker, Subspecialty Day, American Academy of Ophthalmology
 October 14-15, 2005, Chicago, USA
911. 'Use of Artemis VHF digital ultrasound arc-scanning technology to optimize the practice of corneal and intraocular refractive surgery'
Invited Speaker, Symposium, European Society of Cataract and Refractive Surgery
 September 9-14, 2005, Lisbon, Portugal
912. 'Face-off on current wavefront sensors: The wavefront-minator'
Course Faculty, European Society of Cataract and Refractive Surgery
 September 9-14, 2005, Lisbon, Portugal

913. 'LASIK, Phakic IOL and presbyopic surgery: Optimizing safety and efficacy using VHF digital ultrasound 3D arc-scanning'
Course Director, European Society of Cataract and Refractive Surgery
September 9-14, 2005, Lisbon, Portugal
914. 'Customized ablation in management of irregular astigmatism'
Course Faculty, European Society of Cataract and Refractive Surgery
September 9-14, 2005, Lisbon, Portugal
915. 'Exploring the anterior segment of the eye'
Course Faculty, European Society of Cataract and Refractive Surgery
September 9-14, 2005, Lisbon, Portugal
916. 'Anterior Segment Imaging: High Frequency digital ultrasound'
Invited Speaker, Symposium, European Society of Cataract and Refractive Surgery
September 9-14, 2005, Lisbon, Portugal
917. 'Topography-guided repair of night vision disturbances induced by LASIK'
Invited Speaker, Carl Zeiss Innovation Symposium: Refractive Highlights, ESCRS
September 9-14, 2005, Lisbon, Portugal
918. 'Carl Zeiss Meditec Mel80 and CRS-Master: Aberration Smart, Wavefront and Topography guided treatments?'
Invited Speaker, 10th Congress of Chinese Ophthalmological Society
September 7-9, 2005, Tianjin, China
919. 'Customized ablation with Carl Zeiss Meditec CRS-Master and Mel80'
Invited Speaker, Carl Zeiss Refractive Symposium
August 8, 2005, Hong Kong, China
920. 'Custom customized LASIK with CRS Master and Mel 80'
Invited Speaker, Makina Optik Users Meeting
June 10-12, 2005, Antalya, Turkey
921. 'Emergence of phakic IOLs'
Course Faculty, American Society of Cataract and Refractive Surgery
April 15-20, 2005, Washington, DC, USA
922. 'Face off of current Wavefront Sensors'
Course Faculty, American Society of Cataract and Refractive Surgery
April 15-20, 2005, Washington, DC, USA
923. 'Artemis VHF digital ultrasound scanning in LASIK'
Course Faculty, American Society of Cataract and Refractive Surgery
April 15-20, 2005, Washington, DC, USA
924. 'Correction of night-vision problems after LASIK and residual refractive error by Wavefront-guided enhancement'
Invited Speaker, Wavefront Symposium, American Society of Cataract and Refractive Surgery
April 15-20, 2005, Washington, DC, USA
925. 'Custom Customized LASIK using the CRS-Master and Mel-80'
Invited Speaker, Chinese Ophthalmology and Optometry Congress
April 8-10, 2005, Shanghai, China
926. 'Custom Customized LASIK surgery using the CRS-Master and Mel-80'
Live Surgery, Chinese Ophthalmology and Optometry Congress
April 8-10, 2005, Shanghai, China

927. 'Carl Zeiss Meditec CRS-Master and Mel-80 outcomes in myopia, hyperopia, and night vision problems repair'
Invited Speaker, SHIOL-Hungarian Society of Cataract and Refractive Surgery
 March 30 – April 1, 2005, Keszthely, Hungary
928. 'Artemis VHF digital ultrasound applications in improving the safety of refractive surgery'
Invited Speaker, SHIOL-Hungarian Society of Cataract and Refractive Surgery
 March 30 – April 1, 2005, Keszthely, Hungary
929. 'My worst case of the year: Did I do it well?'
Invited Speaker, 7th Alicante Refractiva Internacional 2005
 March 10-12, 2005, Alicante, Spain
930. 'Discovering the anterior segment anatomy: For and against optical methods versus ultrasonic methods': 'High resolution ultrasonic techniques'
Invited Speaker, 7th Alicante Refractiva Internacional 2005
 March 10-12, 2005, Alicante, Spain
931. 'The flap: present situation and its future?'
Live Surgery, 7th Alicante Refractiva Internacional 2005
 March 10-12, 2005, Alicante, Spain
932. 'Latest developments in refractive surgery technology: Corneal Modeling'
Invited Discussion, 7th Alicante Refractiva Internacional 2005
 March 10-12, 2005, Alicante, Spain
933. 'Shaping the cornea with Excimer laser'
Live Surgery, 7th Alicante Refractiva Internacional 2005
 March 10-12, 2005, Alicante, Spain
934. 'A discussion by surgeons with minimal ties to industry of how to improve existing technology'
Invited Speaker, 6th International Congress of Wavefront
 February 11-13, 2005, Athens, Greece
935. 'Clinical outcomes with the CRS-master'
Invited Speaker, Carl Zeiss Symposium, European Society of Cataract and Refractive Surgery
 February 4-6, 2005, Rome, Italy
936. 'The role of high resolution ultrasound after refractive surgery'
Invited Speaker, Trends in Ophthalmology, St. Thomas' Hospital
 November 25-26, 2004, London, England
937. 'Que es la aberrometria?'
Invited Speaker, X Curso Annual del Centro Mexicano de Cornea y Cirugia Refractiva
 November 18-21, 2004, Cancun, Mexico
938. 'Equipos con tecnologia de ablacion personalizada II'
Invited Speaker, X Curso Annual del Centro Mexicano de Cornea y Cirugia Refractiva
 November 18-21, 2004, Cancun, Mexico
939. 'La Guerra de los lasers 'Excimator''
Invited Speaker, X Curso Annual del Centro Mexicano de Cornea y Cirugia Refractiva
 November 18-21, 2004, Cancun, Mexico
940. 'Wavefront guided repair of night vision disturbances induced by LASIK'
Invited Speaker, Carl Zeiss Meditec Wavefront Symposium, AAO/SOE, Annual Meeting
 October 23-26, 2004, New Orleans, USA
941. 'Wavefront guided repair of night vision disturbances induced by LASIK'
Invited Speaker, Carl Zeiss Meditec booth theatre presentation, AAO/SOE, Annual Meeting
 October 23-26, 2004, New Orleans, USA

942. 'Sub-surface pachymetric topography: Artemis VHF digital ultrasound scanning in LASIK' in 'Advanced clinical corneal topography for refractive surgeons'
Course Faculty, AAO/SOE, Annual Meeting
October 23-26, 2004, New Orleans, USA
943. 'Pathophysiology of regression following LASIK'
Invited Speaker, AAO Subspecialty Day, Annual Meeting
October 22-23, 2004, New Orleans, USA
944. 'Unique applications: How to make Artemis make money for you' in 'Artemis 2: 21st century precision biometry'
Invited Speaker, Artemis User Meeting, AAO Subspecialty Day, Annual Meeting
October 22-23, 2004, New Orleans, USA
945. 'Using the CRS-Master and MEL-80 to repair night vision disturbances after corneal refractive surgery'
Invited Speaker, Refractiva online
September 23-25, 2004, Milan, Italy
946. 'Improving the safety of refractive surgery by Artemis VHF digital ultrasound scanning'
Invited Speaker, Refractiva online
September 23-25, 2004, Milan, Italy
947. 'Wavefront guided repair of night vision disturbances induced by LASIK'
Invited Speaker, Carl Zeiss Meditec Wavefront Symposium, ESCRS
September 18-22, 2004, Paris. France
948. 'Corneal refractive surgery applications of the Artemis'
Invited Speaker, Clinical Research Symposium, ESCRS
September 18-22, 2004, Paris. France
949. 'Blue-blocking IOLs'
Invited Speaker, Symposium on 'New Biomaterials in Cataract and Refractive Surgery, ESCRS
September 18-22, 2004, Paris. France
950. 'LASIK, phakic IOL and presbyopic surgery: Optimizing safety and efficacy using VHF digital ultrasound 3D Arc-Scanning'
Course Director, ESCRS
September 18-22, 2004, Paris. France
951. 'Presentation Discussion'
Invited Speaker, Ultralink, ESCRS
September 18-22, 2004, Paris. France
952. 'Customized Ablation with CRS Master and MEL-80'
Invited Speaker, Annual Ophthalmic Congress
September 11-13, 2004, Wuhan, China
953. 'In favour of: Wavefront LASIK is the way to go!'
Invited Speaker, UKISCRS Satellite Meeting
September 10, 2004, Chester, United Kingdom
954. 'Platforms for Custom Ablations'
Invited Speaker, Visual Excellence Symposium (Carl Zeiss), 17th International Cataract Implant Microsurgery & Refractive Keratoplasty (ICIMRK) of the Asia Pacific Association of Cataract & Refractive Surgeons (APACRS) & 30th Indonesian Ophthalmologists Association (IOA), Annual Meeting
June 12-15, 2004, Bali, Indonesia

955. 'Refractive Laser: How to Perform a Perfect Refractive Surgery'
Invited Speaker, Visual Excellence Symposium (Carl Zeiss), 17th International Cataract Implant Microsurgery & Refractive Keratoplasty (ICIMRK) of the Asia Pacific Association of Cataract & Refractive Surgeons (APACRS) & 30th Indonesian Ophthalmologists Association (IOA), Annual Meeting
June 12-15, 2004, Bali, Indonesia
956. 'Customized Custom LASIK with the Carl Zeiss Meditec CRS-Master'
Invited Speaker, Korean Society of Cataract and Refractive Surgery
June 12-13, 2004, Seoul, Korea
957. 'Clinical Applications of Artemis VHF Digital Ultrasound Scanning Technology'
Invited Speaker, Korean Society of Cataract and Refractive Surgery
June 12-13, 2004, Seoul, Korea
958. 'Guidelines for Refractive Surgery'
Invited Speaker, Houses of Parliaments
June 8, 2004, London, United Kingdom
959. 'Artemis 2 technology: Future development and applications in refractive surgery'
Invited Speaker, Instituto Oftalmologico de Alicante
May 31, 2004, Alicante, Spain
960. 'Understanding the Cornea after Refractive Surgery' in 'A Cataract, An Excimer & An Ophthalmologist'
Invited Speaker, UKISCRS Satellite Meeting
May 10, 2004, Manchester, United Kingdom
961. 'Mysteries of Refractive Surgery Revealed by Artemis 2: 3D Very-High-Frequency Digital Ultrasound Scanning Technology'
Course Director, ASCRS Annual Meeting
May 1-5, 2004, San Diego, California, USA
962. 'Pearls for Avoiding Ectasia after LASIK'
Course Faculty, ASCRS Annual Meeting
May 1-5, 2004, San Diego, California, USA
963. 'Customized LASIK Enhancement from Multiple Platforms'
Course Faculty, ASCRS Annual Meeting
May 1-5, 2004, San Diego, California, USA
964. 'Correcting the complications of LASIK using the CRS-Master and MEL-80'
Invited Speaker, Carl Zeiss Wavefront Symposium, ASCRS Annual Meeting
May 2, 2004, San Diego, California, USA
965. 'Live laser surgery with IntraLase and excimer laser'
Live Surgery, Italian Congress of Refractive Surgery
March 19, 2004, Milan, Italy
966. 'Laser and IOLs surgery'
Live Surgery, Italian Congress of Refractive Surgery
March 19, 2004, Milan, Italy
967. 'Unique Clinical Applications of the Artemis VHF digital ultrasound scanning technology in LASIK surgery'
Invited Speaker, Italian Congress of Refractive Surgery
March 19, 2004, Milan, Italy

968. 'Unique Clinical Applications of the Artemis VHF digital ultrasound scanning technology in phakic IOL surgery'
Invited Speaker, Italian Congress of Refractive Surgery
March 19, 2004, Milan, Italy
969. 'Customized Ablation: Highly Aberrated Eyes'
Invited Speaker, International Congress of Wavefront
February 21-23, 2004, Whistler, British Columbia, Canada
970. 'Industry Answers Questions from the Audience'
Invited Physician Speaker, International Congress of Wavefront
February 21-23, 2004, Whistler, British Columbia, Canada
971. 'Founders Workshop I'
Invited Speaker, International Congress of Wavefront
February 21-23, 2004, Whistler, British Columbia, Canada
972. 'Founders Workshop II'
Invited Speaker, International Congress of Wavefront
February 21-23, 2004, Whistler, British Columbia, Canada
973. 'Forum: Laser Eye Surgery and Public Concern'
Invited Speaker, House of Commons
February 10, 2004, London, England
974. 'Artemis VHF digital ultrasound technology in Phakic IOL Surgery'
Invited Speaker, Dutch Symposium on Refractive Surgery
February 7, 2004, Rotterdam, Netherlands
975. 'Artemis VHF digital ultrasound technology in Corneal Refractive surgery'
Invited Speaker, Dutch Symposium on Refractive Surgery
February 7, 2004, Rotterdam, Netherlands
976. 'Is Supervision possible with today's available microkeratome technology?'
Invited Speaker, Symposium 'Supervision', ESCRS
January 24, 2004, Barcelona, Spain
977. **Invited Speaker**, 19th Congress of Asia-Pacific Academy of Ophthalmology, APAO
November 29 - December 3, 2003, Bangkok, Thailand
978. 'Physical Principles and Diagnostic Aspects of Modern Ultrasonography of the Eye'
Course Director/Faculty, American Academy of Ophthalmology Annual Meeting 2003
November 15-18, 2003, Anaheim, California, USA
979. 'LASIK for Myopia'
Invited Moderator, ESCRS
September 6-10, 2003, Munich, Germany
980. 'Structural Complications of LASIK'
Invited Speaker, ESCRS
September 6-10, 2003, Munich, Germany
981. 'Overview of MEL-80 Clinical Results'
Invited Speaker, MEL-80 Excimer Laser IDE Clinical Trial Investigators' Meeting
September 4-5, 2003, Jena, Germany
982. 'Discussion of Surgical Procedure for Clinical Trial'
Invited Speaker, MEL-80 Excimer Laser IDE Clinical Trial Investigators' Meeting
September 4-5, 2003, Jena, Germany

983. 'Mysteries of Refractive Surgery Revealed by Artemis 2: 3D Very-High-Frequency Digital Ultrasound Scanning Technology'
Course Director, ASCRS Annual Meeting
 April 12-16, 2003, San Francisco, California, USA
984. 'Clinical Corneal Topography for Refractive Surgeons'
Course Faculty, ASCRS Annual Meeting
 April 12-16, 2003, San Francisco, California, USA
985. 'Refractive Wavefront'
Invited Moderator, ASCRS Annual Meeting
 April 12-16, 2003, San Francisco, California, USA
986. 'Nightmares in Refractive Surgery: What to do when you can't do anything?'
Invited Moderator, Alicante Refractiva
 March 13-15, 2003, Alicante, Spain
987. 'What to do when you can't do anything in Refractive Surgery?' (Session: 'Nightmares in Refractive Surgery: What to do when you can't do anything?')
Invited Speaker, Alicante Refractiva
 March 13-15, 2003, Alicante, Spain
988. 'Ectasia post LASIK: What are the chances that I will see this in my practice? How do I reduce this?' (Session: 'Nightmares in Refractive Surgery: What to do when you can't do anything?')
Invited Speaker, Alicante Refractiva
 March 13-15, 2003, Alicante, Spain
989. 'Ablation Profiles: Optimization versus customization' (Session: 'Supervision and Aberrations: How to improve the quality of vision?')
Invited Speaker, Alicante Refractiva
 March 13-15, 2003, Alicante, Spain
990. 'White to White...' (Session: 'New Trends in Refractive Surgery')
Invited Speaker, Alicante Refractiva
 March 13-15, 2003, Alicante, Spain
991. 'Focus on Physics: Artemis 2 VHF arc-scan: Maximizing the efficacy and safety of anterior segment surgery'
Invited Speaker, American College of Eye Surgeons Annual Meeting
 February, 15th, 2003, Orlando, Florida, USA
992. 'Eye Tracking Systems/Refractive Surgery Complications I'
Invited Moderator, ESCRS
 February 7-9, 2003, Rome, Italy
993. 'CRS-Master - The first fully integrated platform for corneal refractive surgery'
Invited Speaker, Carl Zeiss Meditec Wavefront-Symposium, ESCRS
 February 8, 2003, Rome, Italy
994. 'LASEK technique: Carl Zeiss Meditec MEL80'
Live surgery, UPDATE on Refractive Surgery Course, University of Mainz
 November 24, 2002, Mainz, Germany
995. 'La realidad de Cirugia refractiva'
Invited Faculty, Joint Meeting of the American Academy of Ophthalmology and the Pan-American Association of Ophthalmology
 October 22, 2002, Orlando, Florida, USA
996. 'Surgeon controlled custom ablation: The Carl Zeiss Meditec CRS-Master'
Invited Speaker, Sub-Specialty Day, American Academy of Ophthalmology, Annual Meeting
 October 18, 2002, Orlando, Florida, USA

997. 'Advances in Refractive Surgery'
Invited Moderator, International Society of Refractive Surgery, Annual Meeting
October 18, 2002, Orlando, Florida, USA
998. 'Flap dimensions with modern microkeratomes: the importance of the standard deviation'
Invited Speaker, International Society of Refractive Surgery, Symposium at the ESCRS, Annual Congress
September 10, 2002, Nice, France
999. 'Mysteries of Refractive Surgery Revealed by 3D Very-High-Frequency Digital Ultrasound Scanning'
Course Director, European Society of Cataract and Refractive Surgery
September 10, 2002, Nice, France
1000. 'CRS-Master - The new platform for refractive surgery'
Invited Speaker, Carl Zeiss Meditec Wavefront-Symposium, ESCRS
September 10, 2002, Nice, France
1001. 'Phakic IOL Posterior Chamber'
Invited Moderator, European Society of Cataract and Refractive Surgery
September 9, 2002, Nice, France
1002. 'VHF digital ultrasound as the slit-lamp of the 21st century'
Invited Speaker, Research Symposium, European Society of Cataract and Refractive Surgery
September 7 2002, Nice, France
1003. 'Pearls on performing the perfect LASIK procedure: Should we be centering spherocylindrical ablations on the pupil?'
Invited Speaker, Symposium on Advanced LASIK
August 28, 2002, Bangkok, Thailand
1004. 'Custom Ablation Design: Developing the CRS-Master workstation'
Invited Speaker, Eye Center Affiliated Second Hospital College of Medicine Zhejiang University
July 20, 2002, Hangzhou, China
1005. 'Corneal refractive surgery: New diagnostic techniques and custom treatment modalities'
Invited Speaker, Hospital
July 17, 2002, Bangkok, Thailand
1006. 'LASIK custom ablation – surgical planning and technique using the WASCA and MEL70 excimer laser'
Live Surgery, Vibhavadi General Hospital
July 17, 2002, Bangkok, Thailand
1007. 'Mysteries of refractive surgery revealed by 3D Very-High-Frequency Digital Ultrasound Scanning'
Course Director, American Society of Cataract and Refractive Surgery Annual Meeting
June 4, 2002, Philadelphia, PA, USA
1008. 'CRS-Master: The advanced platform for customized ablation'
Invited Speaker, Asclepion Symposium on Refractive Surgery
June 2, 2002, Philadelphia, PA, USA
1009. 'Orbiscan Analysis: Advanced Applications' in 'Use of Orbiscan Anterior Segment Analysis in Clinical Practice'
Invited Faculty, Orbiscan Course, American Academy of Ophthalmology
November 13, 2001, New Orleans, LA, USA
1010. 'PRK, LASEK and Intra-corneal ring Segments'
Invited Faculty, Sub-Specialty Day, American Academy of Ophthalmology
November 12, 2001, New Orleans, LA, USA

1011. Debate: 'Premium / Lower Pricing in LASIK is best for the health of ophthalmology'
Invited Speaker, AAO Symposium, Refractive Surgery Special Interest Group,
American Academy of Ophthalmology
November 12, 2001, New Orleans, LA, USA
1012. **Invited Speaker**, Staar Surgical Symposium, American Academy of Ophthalmology
November 11-14, 2001, New Orleans, LA, USA
1013. 'Orbscan II: Part I. Instrument Reproducibility, Part II. Biomechanical Analysis for Planning
Retreatments'
Invited Speaker, Bausch & Lomb Innovators' Lecture Series, American Academy of
Ophthalmology
November 11, 2001, New Orleans, LA, USA
1014. 'PRK and Intracorneal Implants' in 'Refractive Surgery 2001: New Options and New Horizons'
Invited Panelist, American Academy of Ophthalmology
November 9, 2001, New Orleans, LA, USA
1015. 'Live Refractive Surgery: Hyperopic LASIK'
Invited Surgeon/Faculty, 3rd International Forum on Refractive Surgery
October 20, 2001, Milan, Italy
1016. 'Unique applications of the Artemis VHF digital ultrasound arc- scanner in refractive surgery'
Invited Faculty, 3rd International Forum on Refractive Surgery
October 20, 2001, Milan, Italy
1017. 'Anterior segment biometry for planning phakic IOL implantation''
Invited Faculty, 3rd International Forum on Refractive Surgery
October 20, 2001, Milan, Italy
1018. 'Chirurgie réfractive et publicité (Refractive surgery and advertising)'
Invited Faculty, Refractiva 2001
September 22, 2001, Paris, France
1019. 'Limites de l'ablation custom-wavefront' (The Limits of Wavefront Customized Ablations)'
Invited Faculty, Refractiva 2001
September 22, 2001, Paris, France
1020. 'Live Refractive Surgery: ZYOPTICS™'
Invited Surgeon/Faculty, European Society of Cataract and Refractive Surgery, Annual Meeting
September 1-4, 2001, Amsterdam, Netherlands
1021. 'Live Refractive Surgery: ZYOPTICS™'
Invited Surgeon/Faculty, European Society of Cataract and Refractive Surgery, Annual Meeting
September 1-4, 2001, Amsterdam, Netherlands
1022. 'I: Riesgo de ectasia en LASIK: modelo matemático para generar nuevos criterios de seguridad'
'II: Desarrollo 'flaps' consistentemente mas delgados como una medida de seguridad'
'III: Estudio Prospectivo al Azar Simple Ciego: Técnica Clásica de PRK vs. Flap Epitelial PRK'
'IV: Orbscan : Analisis Biomecánico y Epitelial'
'V: Reproducibilidad Orbscan II en 3D'
Guest Professor, Centro Mexicano de Cirugia Refractiva &
International Society of Refractive Surgery, Annual Meeting
July 4-8, 2001, Cancun, Mexico
1023. 'Complicaciones en LASIK'
Invited Faculty, International Society of Refractive Surgery, GLORY Refractive Surgery Course
July 4, 2001, Cancun, Mexico

1024. 'Excimer laser surgery for the correction of refractive errors'
Guest Lecturer, MENSA Canada Society, Annual Meeting
 June 27, 2001, Vancouver, British Columbia, Canada
1025. 'Three-dimensional precision of the Orbscan II; II: Biomechanical analysis of the cornea using the Orbscan II', in ' Use of Orbscan Corneal Elevation Maps in Clinical Practice'
Invited Faculty, American Society of Cataract and Refractive Surgery, Annual Meeting
 April 28 - May 2, 2001, San Diego, USA
1026. 'LASIK Outcomes in 20,000 eyes using the Orbscan II, Hansatome and Technolas 217C'
Guest Lecturer, Innovators Lecture Series, B&L, American Society of Cataract and Refractive Surgery, Annual Meeting
 April 28 - May 2, 2001, San Diego, USA
1027. 'Mysteries of corneal refractive surgery revealed by 3D very high-frequency ultrasound scanning'
Course Director/Faculty, American Society of Cataract and Refractive Surgery, Annual Meeting
 April 28 - May 2, 2001, San Diego, USA
1028. 'Very High Frequency Ultrasound: Instrumentation and Signal Analysis '
Course Director/Faculty, Ophthalmologic and High-frequency Ultrasound Categorical Course, American Institute of Ultrasound in Medicine, Annual Meeting
 March 11-14, 2001, Orlando, Florida, USA
1029. 'Que estamos haciendo mal? Misterios de la cirugía refractive revelados por ultrasonido de alta frecuencia'
Guest Professor, LXII National Medical Congress and Costa Rican Ophthalmological Society, Annual Meeting,
 December 1, 2000, San José, Costa Rica
1030. 'Very high frequency ultrasound: Clinical applications and technological update'
Invited Lecturer, Netherlands Intra-ocular Implant and Refractive Surgery Society (Netherlands Ophthalmological Society), Annual Meeting,
 November 18, 2000, Hertogenbosch, Netherlands
1031. 'Management of optical complications of refractive surgery'
Invited Lecturer, Refractive Surgery Workgroup (Netherlands Ophthalmological Society), Annual Meeting
 November 17, 2000, Hertogenbosch, Netherlands
1032. 'Mysteries of corneal refractive surgery revealed by 3D very high-frequency ultrasound scanning'
Course Director/Faculty, American Society of Cataract and Refractive Surgery, Annual Meeting
 May 22, 2000, Boston, MA, USA
1033. 'Ultrasonographie de tres haute frequence de l'oeil'
Invited Lecturer, Societe Francaise d'Ophtalmologie, Annual Meeting
 May 10, 2000, Paris, France
1034. 'Applications of High-Frequency Ultrasound: Intravascular Imaging, Blood-Flow, Dermatology, Ophthalmology and Others'
Course Director/Faculty, Ophthalmologic and High-frequency Ultrasound Categorical Course, American Institute of Ultrasound in Medicine, Annual Meeting
 April 2, 2000, San Francisco, FL, USA
1035. 'Very High-frequency Ultrasound Digital Signal Processing in Refractive Surgery'
Course Director/Faculty, Ophthalmologic and High-frequency Ultrasound Categorical Course, American Institute of Ultrasound in Medicine, Annual Meeting
 April 2, 2000, San Francisco, FL, USA

1036. 'Ultrasonographie de haute frequence en chirurgie refractive' (High-frequency ultrasonography in refractive surgery)
Invited Lecturer, DIU Chirurgie Refractive et Phacoemulsification, Hotel Dieu
January 21, 2000, Paris, France
1037. 'Echographie de haute frequence en chirurgie refractive de la cornée et du segment antérieur' (High-frequency ultrasound echography of the cornea and the anterior segment)
Invited Lecturer, Chirurgie Refractive Avancée en Direct, Journee micro-chirurgicale de l'hopital Foch, Hopital Americain
January 16, 2000, Paris, France
1038. 'Ultrasonographie de haute frequence en chirurgie refractive' (High-frequency ultrasonography in refractive surgery)
Invited Lecturer, Jounee Des XV-XX, Salons Hoche
January 15, 2000, Paris, France
1039. 'Management of Irregular Astigmatism Following Excimer Laser Surgery of the Cornea'
Course Director/Faculty, American Academy of Ophthalmology, Annual Meeting
October 26, 1999, Orlando, FL, USA
1040. 'Estudios Ultrasonicos sobre el epitelio, el flap el estroma residual y la seguridad del LASIK' (Ultrasound studies of the epithelium, the flap, the residual stroma and the safety of LASIK)
Invited Lecturer, 3a Reunion Cientifica de Cirugia Refractiva y Catarata del CEOVAL,
May 20-22, 1999, Aruba, Venezuela
1041. 'Management of Irregular Astigmatism Following Excimer Laser Surgery of the Cornea'
Course Director/Faculty, American Society of Cataract and Refractive Surgery, Annual Meeting
April 13, 1999, Seattle, Washington, USA
1042. 'Very High-frequency ultrasound – Clinical Applications and Technological Update'
Course Director/Faculty, Ophthalmologic and High-frequency Ultrasound Categorical Course, American Institute of Ultrasound in Medicine, Annual Meeting
March 16, 1999, San Antonio, Texas, USA
1043. 'Management of Irregular Astigmatism Following Excimer Laser Surgery of the Cornea'
Course Director/Faculty, American Academy of Ophthalmology, Annual Meeting
November 11, 1998, New Orleans, Louisiana, USA
1044. 'High-frequency Ultrasound and the Future of Refractive Surgery'
Symposium Chairman/Lecturer, First International Symposium on High-frequency Ultrasound in Refractive Surgery, International Society of Eye Research
July 30, 1998, Paris, France
1045. 'Utilidad del Ultrasonido de Alta-Frecuencia en Cirugia Refractiva' (High-frequency ultrasound in Refractive Surgery)
Invited Lecturer, 2a Reunion Cientifica de Cirugia Refractiva y Catarata del CEOVAL,
May 16th, 1998, Valencia, Venezuela
1046. 'High-frequency Ultrasound Applications in Medicine'
Course Director/Faculty, Ophthalmologic and High-frequency Ultrasound Categorical Course, American Institute of Ultrasound in Medicine, Annual Meeting,
March 23, 1998, San Diego, California, USA
1047. 'Fisica del Ultrasonido' (Ultrasound Physics) & 'Avances en Diferenciación Tisular' (Advances in Tissue Characterization) & 'Utilidad del Ultrasonido de Alta-Frecuencia en Cirugia Refractiva' (High-frequency ultrasound in Refractive Surgery)
Invited Lecturer, XIX Curso de Actualización, Fundación Oftalmológica Nacional
February 12, 1998, Bogotá , Colombia

1048. 'Utilidad del Ultrasonido de Alta-Frecuencia en Cirugia Refractiva' (High-frequency ultrasound in Refractive Surgery)
Invited Lecturer, Clinica Oftalmologica de Cali
September 9, 1997, Cali, Colombia
1049. 'Utilidad del Ultrasonido de Alta-Frecuencia en Cirugia Refractiva' (High-frequency ultrasound in Refractive Surgery)
Invited Lecturer, Clinica Barraquer
August 27, 1997, Bogotá, Colombia
1050. 'Utilidad del Ultrasonido de Alta-Frecuencia en Cirugia Refractiva' (High-frequency ultrasound in Refractive Surgery)
Invited Lecturer, Instituto Zaldivar
August 7, 1997, Mendoza, Argentina
1051. 'High-frequency ultrasound examination of the cornea - unique diagnostic modalities'
Faculty, Categorical Course, American Institute of Ultrasound in Medicine
March 24, 1997, San Diego, California, USA
1052. 'Microanatomic evaluation of the cornea after excimer laser keratectomy by 3-D high-frequency ultrasound Corneal Pachymetric Topography'
Invited Lecturer, Symposium on Effects of Excimer Laser on the Cornea, International Society of Eye Research
November 13-18, 1994, New Delhi, India
1053. 'La utilidad del ultrasonido de alta frecuencia en el examen paquimétrico tridimensional del epitelio corneal'
(The use of high-frequency ultrasound in three-dimensional pachymetric examination of the cornea)
Faculty, for Course Module in Research 'Excimer and other lasers in refractive and corneal surgery', Facultad de Medicina, Universidad Autonoma de Barcelona
September 10-11, 1993, Barcelona, Spain
1054. 'Applications of High-Frequency Ultrasound Signal Processing in Ophthalmology'
Invited Lecturer, *Special Interdisciplinary Lecture Series*
Department of Theoretical Physics, The Clarendon Laboratory, University of Oxford
May 24, 1993, Oxford, England
1055. 'L'examen ophthalmologique à l'aide d'ultrasons. Pachymetrie aux ultrasons à haute frequence digitalisés et caracterisation du tissu par analyse informatique'
(Ophthalmic ultrasound examination. High-frequency digital ultrasound pachymetry and tissue characterization using signal processing techniques)
Invited Lecturer, Club de Travail, d'Etudes et de Recherches en Echographie en Ophtalmologie (CTEREO), Annual Meeting
May 16, 1993, Paris, France

N. SELECTED SCIENTIFIC PAPER PRESENTATIONS / PUBLISHED ABSTRACTS / POSTER / E-POSTER / FILM PRESENTATION

1. **Refractive Outcomes including Vector Analysis in 3,997 consecutive SMILE procedures for spherical and compound myopic astigmatism**
American Academy of Ophthalmology
November 12-15, 2021, New Orleans, USA
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Ryan S. Vida

2. **Development of LoVC Ciliary Body Inner Diameter based formula for Implantable Collamer Lens (ICL) sizing using Artemis Insight 100 VHF digital ultrasound biometry**
American Academy of Ophthalmology
November 12-15, 2021, New Orleans, USA
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
3. **Refractive Outcomes including Vector Analysis in 3,997 consecutive SMILE procedures for spherical and compound myopic astigmatism**
European Society of Cataract and Refractive Surgery
October 8-11, 2021, Amsterdam, The Netherlands
Alastair Stuart, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Ryan S. Vida
4. **Analysis of the change in corneal spherical aberration induced by myopic SMILE grouped by optical zone in a population of 1,902 eyes**
European Society of Cataract and Refractive Surgery
October 8-11, 2021, Amsterdam, The Netherlands
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Alastair Stuart, Ryan S. Vida
5. **Prospective Evaluation of SMILE for high myopia between -9.00 and -14.00 D including Patient Reported Outcome Measures and Night Vision Questionnaire**
European Society of Cataract and Refractive Surgery
October 8-11, 2021, Amsterdam, The Netherlands
Glenn I. Carp, Dan Z. Reinstein, Alastair Stuart, Timothy J. Archer, Ryan S. Vida
6. **Contrast Sensitivity and Outcomes including Vector Analysis of the Implantable Collamer Lens for Myopia up to -19.88 D**
European Society of Cataract and Refractive Surgery
October 8-11, 2021, Amsterdam, The Netherlands
Ryan S. Vida, Dan Z. Reinstein, Timothy J. Archer
7. **Prospective evaluation of LoVC Ciliary Body Inner Diameter based v1.0 and v2.0 formula for Implantable Collamer Lens (ICL) sizing using Artemis Insight 100 VHF digital ultrasound biometry**
European Society of Cataract and Refractive Surgery
October 8-11, 2021, Amsterdam, The Netherlands
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer, Vimal Piparia
8. **Development and application of a new formula to increase the safety and predictability of vault lens separation for the implantable Collamer Lens (ICL) using Artemis Insight 100 VHF digital ultrasound biometry**
American Society of Cataract and Refractive Surgery
July 23-26, 2021, Virtual Congress
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
9. **Development and application of a new formula to increase the safety and predictability of vault lens separation for the implantable Collamer Lens (ICL) using Artemis Insight 100 VHF digital ultrasound biometry**
European Society of Cataract and Refractive Surgery
October 2-4, 2020, Virtual Congress
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
10. **Patient satisfaction and quality of vision for high myopic SMILE between -9.00 and -13.00 D using the QoV questionnaire**
European Society of Cataract and Refractive Surgery
October 2-4, 2020, Virtual Congress
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Ryan S. Vida

11. **Implantable collamer lens vault prediction using a multivariate regression model based on parameters acquired by VHF digital ultrasound**
American Society of Cataract and Refractive Surgery
May 16-17, 2020, Virtual Congress
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
12. **PRESBYOND Laser Blended Vision in commercial and military pilots requiring Class 1 medical certification**
American Society of Cataract and Refractive Surgery
May 16-17, 2020, Virtual Congress
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
13. **Prediction of ICL Vault Using a Multivariate Regression Model Based on Parameters Acquired by Very High-Frequency Digital Ultrasound**
AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer
14. **Correction of Presbyopia for Commercial and Military Pilots Requiring Class 1 Medical Certification**
AAO American Academy of Ophthalmology
October 11-15, 2019, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Glenn I. Carp
15. **PRESBYOND Laser Blended Vision in commercial and military pilots requiring class 1 medical certification**
European Society of Cataract and Refractive Surgery
September 14-17, 2019, Paris, France
Alastair Stuart, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Ryan S. Vida
16. **Comparison of change in mean topographic keratometry with spherical equivalent refraction after LASIK and SMILE**
European Society of Cataract and Refractive Surgery
September 14-17, 2019, Paris, France
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Ryan S. Vida
17. **SMILE for hyperopia: visual and refractive outcomes at 12 months**
European Society of Cataract and Refractive Surgery
September 14-17, 2019, Paris, France
Kishore Pradhan, Dan Z. Reinstein, P. Dhungana, Glenn I. Carp, Timothy J. Archer
18. **Outcomes of implantable collamer lens and footplate analysis by very high-frequency digital ultrasound**
European Society of Cataract and Refractive Surgery
September 14-17, 2019, Paris, France
Ryan S. Vida, Dan Z. Reinstein, Timothy J. Archer
19. **Implantable collamer lens (ICL) vault and lens separation prediction using a multivariate regression model based on parameters acquired by very high-frequency digital ultrasound**
European Society of Cataract and Refractive Surgery
September 14-17, 2019, Paris, France
Dan Z. Reinstein, Ryan S. Vida, Timothy J. Archer
20. **Performing SMILE in a patient with high astigmatism and nystagmus – A Case Report**
American Academy of Optometry
October 7-10, 2018, San Antonio, Texas, USA
Ryan S. Vida, Dan Z. Reinstein, Timothy J. Archer

21. **Suction Stability Management in SMILE: A Decision Tree for Managing Eye Movements and Suction Loss**
American Academy of Ophthalmology
October 26-30, 2018, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Ryan S. Vida, Glenn I. Carp
22. **Incidence and Outcomes of Diffuse Lamellar Keratitis after SMILE**
American Academy of Ophthalmology
October 26-30, 2018, Chicago, USA
Dan Z. Reinstein, Alastair J. Stuart, Ryan S. Vida, Timothy J. Archer, Glenn I. Carp
23. **Incidence of Symptomatic Decentration and Small Optical Zone Over a 10,000 Eye Single Practice Series and Outcomes of Topography-guided Therapeutic Repair**
Refractive Surgery Subspecialty Day Meeting of the International Society of Refractive Surgery
October 26, 2018, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Glenn I. Carp, Ryan S. Vida
24. **Incidence of microfolds using a three stage LASIK flap replacement protocol**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Alex Day, Dan Z. Reinstein, Timothy J. Archer, Ryan S. Vida, Glenn I. Carp
25. **Unique nomogram findings for SMILE: primary astigmatism correction and LASIK retreatment**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Ryan S. Vida
26. **Three month outcomes for SMILE between -9.00 and -14.00 D**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Ryan S. Vida, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
27. **Inferior pseudo-hinge fulcrum technique for LASIK after SMILE and incidence of intraoperative complications**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Alastair Stuart, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Ryan Vida
28. **Suction stability management in SMILE: decision tree for managing eye movements and suction loss**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer, Ryan Vida
29. **Femtosecond laser-assisted sutureless transplant for keratoconus with six month follow-up**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Kishore Pradhan, Dan Z. Reinstein, Ryan Vida, Timothy J. Archer, Glenn I. Carp
30. **Aborted SMILE due to false plane creation and strategy for subsequent removal based on corneal layered pachymetry imaging**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
Dan Z. Reinstein, Timothy J. Archer, Ryan Vida, Glenn I. Carp

31. **The enhanced ectasia susceptibility score (EESS) for predicting ectasia risk prior to LASIK**
European Society of Cataract and Refractive Surgery
September 21-25, 2018, Vienna, Austria
R. Ambrosio, B. Lopez, S. Schallhorn, J. Schallhorn, Dan Z. Reinstein, L Jose Marcelo, A, Machado
32. **Incidence, Management and Outcomes of Suction Loss during Small-Incision Lenticule Extraction in 4000 Eyes**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Ryan Vida
33. **Relationship Between Decentration and Induced Corneal Higher-Order Aberrations after Small-Incision Lenticule Extraction**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
David S. Y. Kang, Cynthia J. Roberts, Samuel A. Mosquera, Dan Z. Reinstein, Jin Y. Choi, Hun Lee, Tae-im Kim
34. **One-Year Outcomes of LASIK for Mixed Cylinder Using an Excimer Laser with a 250 Hz to 500 Hz Frequency**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
Alexander C. Day, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
35. **Clinical Outcomes and Vector Analysis in Myopia Patients with High Astigmatism with Small-Incision Lenticule Extraction and Corneal Wavefront-Guided Transepithelial PRK**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
David S. Y. Kang, Ikhyun Jun, Dan Z. Reinstein, Si Y. Park, Eun Kyung Kim, Tae-im Kim
36. **Effect of Lowering Laser Energy on Surface Roughness of Human Corneal Lenticules in Small-Incision Lenticule Extraction**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
David S. Y. Kang, Dan Z. Reinstein, Jin Y. Choi, Eun Kyung Kim, Si Y. Park, Byoung J. Ha, Tae-im Kim
37. **Three-Months Outcomes of Small-Incision Lenticule Extraction between -9.00 D and -14.00 D**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Ryan Vida
38. **Outcomes of LASIK Retreatments after Small-Incision Lenticule Extraction**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Ryan Vida
39. **Impact on Copolymer Phakic IOL Size by Sulcus Diameter Measurement by VHF Digital Ultrasound**
American Society of Cataract and Refractive Surgery
April 12-17, 2018, Washington DC, USA
Dan Z. Reinstein, Timothy J. Archer, Ryan Vida

40. **Incidence, management and outcomes of suction loss during SMILE in 4,000 eyes**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Mario Jukic, Elizabeth L. Rowe
41. **Outcomes for SMILE for spherical myopia**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Ryan Vida, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
42. **One Year Outcomes of LASIK for mixed cylinder using the MEL 90 excimer laser**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Alex C. Day, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
43. **Preliminary one month outcomes for SMILE between -9.00 and -14.00 D**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Mario Jukic
44. **Focal sterile lamellar keratitis after SMILE uncharacteristic of classical DLK**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Alastair J. Stuart, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
45. **SMILE for hyperopia: visual and refractive outcomes at 3 months**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Kishore R. Pradhan, Dan Z. Reinstein, Purushottam Dhungana, Glenn I. Carp, Timothy J. Archer, Raynan Khan
46. **Outcomes of LASIK retreatments after SMILE**
European Society of Cataract and Refractive Surgery
October 6-10, 2017, Lisbon, Portugal
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer
47. **Comparison of Postoperative Vault-Height Predictability Using White-to-White or Sulcus Diameter-Based Sizing for a Copolymer Phakic IOL**
American Society of Cataract and Refractive Surgery
May 3-7, 2017, Los Angeles, California, USA
Dan Z. Reinstein, Carlo Lovisolo, Timothy J. Archer
48. **Comparison of With-the-Rule and Against-the-Rule Astigmatism Correction with SMILE**
American Society of Cataract and Refractive Surgery
May 3-7, 2017, Los Angeles, California, USA
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp
49. **Comparison of Spherical Aberration Induction Between Small-Incision Lenticule Extraction and Wavefront Optimized LASIK: Residual Postoperative Relative Tensile Strength**
American Society of Cataract and Refractive Surgery
May 3-7, 2017, Los Angeles, California, USA
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe

50. **Small-Incision Lenticule Extraction for Hyperopia: Visual and Refractive Outcomes, Optical Zone Centration, Diameter, and Aberration Induction**
American Society of Cataract and Refractive Surgery
May 3-7, 2017, Los Angeles, California, USA
Dan Z. Reinstein, Kishore R. Pradhan, Glenn I. Carp, Timothy J. Archer, Raynan Khan, Marine Gobbe
51. **Visual and Refractive Outcomes of Small-Incision Lenticule Extraction for Hyperopia**
American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
Dan Z. Reinstein, Marine Gobbe, Timothy J. Archer, Glenn I. Carp
52. **First results of SMILE for hyperopia: optical zone, visual acuity and refractive outcomes**
American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
Dan Z. Reinstein, Kishore R. Pradhan, Purushottam Dhungana, Glenn I. Carp, Timothy J. Archer, Raynan Khan
53. **Imaging Capability, Repeatability and Reproducibility of VHF Digital Ultrasound for Cornea, Anterior Segment and Lens**
American Academy of Ophthalmology
October 15-18, 2016, Chicago, USA
Dan Z. Reinstein, Amy T Kelmenson, Jason Jacobs, Timothy J. Archer, Glenn I. Carp
54. **Comparison of clinical outcomes and morphometric correlation by scanning electron (SEM) and atomic force microscopy (AFM) between low and high energy small incision lenticule extraction**
European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
D. Kang, Dan Z. Reinstein, Timothy J. Archer, B. Ha, Y. Ji, T. Kim
55. **SMILE for Hyperopia: Optical Zone Centration, Diameter, and Aberration Induction**
European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
Kishore R. Pradhan, Dan Z. Reinstein, Purushottam Dhungana, Glenn I. Carp, Timothy J. Archer, Raynan Khan
56. **Repeatability and reproducibility of VHF digital ultrasound: corneal thickness, epithelial thickness, sulcus diameter and lens equatorial diameter**
European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
Dan Z. Reinstein, Amy T. Kelmenson, Jason Jacobs, , Timothy J. Archer, Glenn I. Carp
57. **Epithelial Thickness Mapping as an adjunctive tool for keratoconus screening'**
European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer
58. **SMILE for Hyperopia: Visual and Refractive Outcomes**
European Society of Cataract and Refractive Surgeons
September 10-14, 2016, Copenhagen, Denmark
Dan Z. Reinstein, Kishore R. Pradhan, Purushottam Dhungana, Glenn I. Carp, Timothy J. Archer, Raynan Khan

59. **Topography-Guided Custom Ablation for Optical Zone Enlargement and Recentration after Previous Myopic LASIK**
Association for Research in Vision and Ophthalmology
May 1-5, 2016, Seattle, USA
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe, Alastair Stuart, Eleanor A. Miller, Glenn I. Carp
60. **SMILE for hyperopia: visual and refractive outcomes, optical zone centration, diameter, and aberration induction**
Association for Research in Vision and Ophthalmology
May 1-5, 2016, Seattle, USA
Dan Z. Reinstein, Kishore R. Pradhan, Purushottam Dhungana, Glenn I. Carp, Timothy J. Archer, Marine Gobbe, Raynan Khan
61. **Bowman's Layer Acoustic Impedance in Normal and Keratoconus Corneas**
Association for Research in Vision and Ophthalmology
May 1-5, 2016, Seattle, USA
Ronald H. Silverman, Raksha Urs, Harriet O. Lloyd, Timothy J. Archer, Marine Gobbe, Dan Z. Reinstein
62. **Early results of hyperopic SMILE in amblyopic eyes**
American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA
Dan Z. Reinstein, Kishore R. Pradhan, Glenn I. Carp, Timothy J. Archer, Marine Gobbe, Raynan Khan
63. **Comparison of with-the-rule and against-the-rule astigmatism correction with SMILE**
American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA
Dan Z. Reinstein, Timothy J. Archer, Glenn I. Carp, Marine Gobbe
64. **SMILE Hyperopia: Comparison of Optical Zone Centration and Diameter and Higher-Order Aberrations between Lasik and SMILE**
American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA
Dan Z. Reinstein, Kishore R. Pradhan, Glenn I. Carp, Timothy J. Archer, Marine Gobbe, Raynan Khan
65. **Comparison of corneal epithelial thickness measurements by OCT and VHF digital ultrasound**
American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA
Dan Z. Reinstein, Timothy E. Yap, Timothy J. Archer, Marine Gobbe, Ronald H. Silverman
66. **SMILE vs LASIK treating high myopic patients**
American Academy of Ophthalmology
November 13-17, 2015, Las Vegas, USA
Jorge L. Alio, Dan Z. Reinstein, Dolores Ortiz, Mohamed El Bahrawy, Timothy J. Archer
67. **Preliminary evaluation of hyperopic SMILE in amblyopic eyes**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Kishore R. Pradhan, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe, Raynan Khan

68. **Comparison of with-the-rule and against-the-rule astigmatism correction with SMILE**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Marine Gobbe
69. **Superior or inferior lenticule interface identification and dissection: impact on outcomes in SMILE**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
70. **Comparison of optical zone centration between SMILE and LASIK**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
L. Gobbe, Marine Gobbe, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
71. **Optical zone enlargement and recentration after previous myopic LASIK using topography guided custom ablation**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Camille Yvon, Dan Z. Reinstein, Timothy J. Archer, Eleanor A. Miller, Marine Gobbe, Glenn I. Carp
72. **Detection of keratoconus in the topographically normal fellow-eyes of unilateral keratoconus using epithelial thickness analysis**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Marine Gobbe, Dan Z. Reinstein, Timothy J. Archer, Raksha Urs, Arindam RoyChoudhury, Ronald H. Silverman
73. **Outcomes of small incision lenticule extraction (SMILE) for myopia in 1,396 eyes**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Kishore R. Pradhan, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
74. **Finite Element Modeling of Femtosecond Keyhole Endokeratophakia Surgery**
European Society of Refractive Surgery
September 5-9, 2015, Barcelona, Spain
Timothy E. Yap, Harald P. Studer, Kishore R. Pradhan, Dan Z. Reinstein, Elena Businaro, Timothy J. Archer, Marine Gobbe, Cynthia J. Roberts
75. **Epithelial Thickness Mapping for Keratoconus Screening in the Contralateral Eye of Phenotypically Unilateral Keratoconus**
Association for Research in Vision and Ophthalmology
May 2-7, 2015, Denver, USA
Ronald H. Silverman, Raksha Urs, Timothy J. Archer, Marine Gobbe, Dan Z. Reinstein
76. **Accuracy of Astigmatism Correction with SMILE**
Association for Research in Vision and Ophthalmology
May 2-7, 2015, Denver, USA
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Marine Gobbe
77. **Optical Zone Centration Comparison between SMILE and LASIK**
Association for Research in Vision and Ophthalmology
May 2-7, 2015, Denver, USA
Marine Gobbe, Dan Z. Reinstein, Glenn I. Carp, Louis Gobbe, Timothy J. Archer

78. **Preliminary evaluation of hyperopic SMILE in amblyopic eyes**
Association for Research in Vision and Ophthalmology
May 2-7, 2015, Denver, USA
Dan Z. Reinstein, Kishore R. Pradhan, Glenn I. Carp, Timothy J. Archer, Marine Gobbe, Raynan Khan
79. **Eliminating the disadvantage of monovision by using spherical aberration in the treatment of presbyopia**
Asia Pacific Annual Meeting of Cataract and Refractive Surgeons
November 13-16, 2014, Jaipur, India
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
80. **Accuracy of Lower and Upper SMILE Lenticule Interface Depth**
Asia Pacific Annual Meeting of Cataract and Refractive Surgeons
November 13-16, 2014, Jaipur, India
Kishore R. Pradhan, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
81. **Stromal Surface Topography-Guided Ablation as a Repair Tool for Irregular Stromal Surface**
American Academy of Ophthalmology
October 17-21, Chicago, USA
Dan Z. Reinstein, Marine Gobbe, Timothy J. Archer, G. Youssefi, H. Sutton
82. **Small-Incision Lenticule Extraction Induces Significantly Less Spherical Aberration With Less Tensile Strength Change Compared to Wavefront Optimized LASIK**
American Academy of Ophthalmology
October 17-21, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
83. **Optimizing Spherical Aberration and Tensile Strength Using Small- Incision Lenticule Extraction Compared to Wavefront Optimized LASIK**
American Academy of Ophthalmology
October 17-21, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
84. **Optical Zone Enlargement and Recentration After Myopic LASIK Using Topography-Guided Custom Ablation**
American Academy of Ophthalmology
October 17-21, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
85. **Accuracy of lower and upper SMILE lenticule interface depth**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
Kishore R. Pradhan, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
86. **Outcomes for myopic LASIK with the Carl Zeiss Meditec MEL90**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
T. Lewis, Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
87. **Comparison of corneal epithelial thickness measurement between Fourier-domain optical coherence tomography and very high-frequency digital ultrasound**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
T. Yap, Timothy J. Archer, Marine Gobbe, Dan Z. Reinstein

88. **A new rare phenomenon following hyperopic LASIK: diurnal fluctuations in refractive error due to diurnal epithelial thickness profile fluctuations**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
Glenn I. Carp, Dan Z. Reinstein, Marine Gobbe, Timothy J. Archer
89. **LASIK for high hyperopia**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Marine Gobbe
90. **LASIK for the correction of high myopia from -8.00 to -14.00 D in 481 eyes with a minimum of 1 year follow-up**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
G. Carp, Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
91. **Stromal surface topography-guided ablation as a repair tool for irregular stromal surface**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
Dan Z. Reinstein, Marine Gobbe, Timothy J. Archer, G. Youssefi, H. Sutton
92. **ReLEx SMILE induces significantly less spherical aberration than wavefront optimized sub-Bowman's LASIK for any given residual postoperative relative tensile strength**
European Society of Cataract and Refractive Surgery
September 13-17, 2014, London, United Kingdom
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
93. **LASIK for high hyperopic astigmatism**
Association for Research in Vision and Ophthalmology
May 3-8, 2014, Orlando, USA
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe
94. **Correlation between objective Point Spread Function centered on either the corneal vertex or the pupil center and subjective Point Spread Function in post-hyperopic eyes**
Association for Research in Vision and Ophthalmology
May 3-8, 2014, Orlando, USA
Marine Gobbe, Dan Z. Reinstein, Timothy J. Archer
95. **To analyze spherical aberration induction in matched myopic small incision lenticule extraction (SMILE) and sub-bowman's femtosecond flap LASIK and correlate this to comparative relative postoperative corneal tensile strength**
Association for Research in Vision and Ophthalmology
May 3-8, 2014, Orlando, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
96. **Comparison of Ultrasound and Scheimpflug Corneal Pachymetric Maps in Normal and Keratoconic Eyes**
Association for Research in Vision and Ophthalmology
May 3-8, 2014, Orlando, USA
Raksha Urs, Timothy J. Archer, Marine Gobbe, Michael Ha, Michele D. Lee, Dan Z. Reinstein, Ronald H. Silverman
97. **Identification of Keratoconus using Combined Layered Pachymetry and Tomography**
Association for Research in Vision and Ophthalmology
May 3-8, 2014, Orlando, USA
Ronald H. Silverman, Raksha Urs, Timothy J. Archer, Marine Gobbe, Michael Ha, Michele D. Lee, Arindam RoyChoudhury, Dan Z. Reinstein

98. **Film presentation on 'Real-time ReLEx smile procedure'**
BRASCRS, Brazilian Societies of Cataract and Refractive Surgery
April 2-5, 2014, Rio de Janeiro, Brazil
Dan Z. Reinstein, Timothy J. Archer
99. **Film presentation on 'A corneal refractive surgery solution for presbyopia: controlling spherical aberration for increasing depth of field while retaining visual quality and binocular stereo acuity'**
BRASCRS, Brazilian Societies of Cataract and Refractive Surgery
April 2-5, 2014, Rio de Janeiro, Brazil
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
100. **Film presentation on 'Transepithelial Phototherapeutic Keratectomy after truncated LASIK Flap and Ablation'**
BRASCRS, Brazilian Societies of Cataract and Refractive Surgery
April 2-5, 2014, Rio de Janeiro, Brazil
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
101. **Corneal Sensation after Small Incision Lenticule Extraction Compared to Previous LASIK Studies**
American Academy of Ophthalmology
October 15-19, 2013, New Orleans, United States
Dan Z. Reinstein, Marine Gobbe, Elena Bartoli, Timothy J. Archer
102. **Computer-Aided Diagnosis of Keratoconus Based on Ultrasound Layered Pachymetric Map Analysis**
American Academy of Ophthalmology
October 15-19, 2013, New Orleans, United States
Ronald H. Silverman, Raksha Urs, Timothy J. Archer, Marine Gobbe, Arindam Roy Choudhury, Dan Z Reinstein
103. **Postoperative Relative Total Tensile Strength After Small Incision Lenticule Extraction for Moderate Myopia Compared to Matched LASIK Controls**
International Society of Refractive Surgery Annual Meeting / American Academy of Ophthalmology
October 15-19, 2013, New Orleans, United States
Dan Z. Reinstein, Timothy J. Archer, J. Bradley Randleman
104. **Outcomes including Contrast Sensitivity of high Myopic Small Incision Lenticule Extraction (SMILE) compared to Matched LASIK Controls**
International Society of Refractive Surgery Annual Meeting / American Academy of Ophthalmology
October 15-19, 2013, New Orleans, United States
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
105. **Mathematical model to compare the relative tensile strength of the cornea after PRK, LASIK and small incision lenticule extraction (SMILE)**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Dan Z. Reinstein, Timothy J. Archer, J. Bradley Randleman
106. **Improved effectiveness of trans-epithelial phototherapeutic keratectomy versus topography-guided ablation degraded by epithelial compensation on irregular stromal surfaces**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe

107. **Bilateral LASIK procedure time using the VisuMax femtosecond laser and MEL80 excimer laser: comparison of two experienced surgeons**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Timothy J. Archer, Dan Z. Reinstein, Glenn I. Carp, Marine Gobbe
108. **Corneal Sensation after small incision lenticule extraction (SMILE) compared to previous LASIK studies**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Dan Z. Reinstein, Marine Gobbe, Elena Bartoli, Timothy J. Archer
109. **Learning curve for small incision lenticule extraction (SMILE) of a novice corneal laser refractive surgeon evaluated by procedure time for consecutive cases**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Kishore R. Pradhan, Dan Z. Reinstein, Timothy J. Archer, Glenn I. Carp, Marine Gobbe
110. **Femtosecond laser assisted keyhole endokeratophakia**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Kishore R. Pradhan, Dan Z. Reinstein, Reeta Gurung, Timothy J. Archer, Glenn I. Carp, Marine Gobbe
111. **Three months outcomes including contrast sensitivity of moderate and high myopic small incision lenticule extraction (SMILE) compared to matched LASIK controls**
European Society of Cataract and Refractive Surgery
October 4-9, 2013, Amsterdam, The Netherlands
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
112. **Mathematical model to compare relative tensile strength of cornea after LASIK, PRK and SMILE**
American Society of Cataract and Refractive Surgery
April 19-23, 2013, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer
113. **Film presentation on 'Near, intermediate and distal visual acuity and visual quality in corneal presbyopic LASIK based on modification of spherical aberration'**
American Society of Cataract and Refractive Surgery
April 19-23, 2013, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
114. **Transepithelial phototherapeutic keratectomy as powerful tool for repair of corneal refractive surgical complications**
American Society of Cataract and Refractive Surgery
April 19-23, 2013, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
115. **Comparing early visual recovery and aberrations in ReLEx with LASIK**
American Academy of Ophthalmology
November 9-13, 2012, Chicago, USA
Dan Z. Reinstein, Glenn I. Carp, Kishore R. Pradhan, Timothy J. Archer, Marine Gobbe
116. **Comparing the predictability of refractive astigmatism correction by LASIK in eyes with low and high ocular residual astigmatism**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe

117. **Transepithelial phototherapeutic keratectomy as a powerful tool for repair of corneal refractive surgical complications**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
118. **LASIK for the correction of presbyopia in emmetropic patients using aspheric ablation profiles and a micro-monovision protocol with the Carl Zeiss Meditec MEL80 and VisuMax'**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Glenn I. Carp, Dan Z. Reinstein, Marine Gobbe, Timothy J. Archer
119. **Distance Corrected Near Vision and Contrast Sensitivity in Presbyopic Patients after Laser Blended Vision: The Effect of Spherical Aberration and Total Higher Order Aberrations**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Marine Gobbe, Timothy J. Archer, Dan Z. Reinstein
120. **Comparison between changes in front surface corneal aberrations and changes in whole eye ocular aberrations after LASIK**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Marine Gobbe, Dan Z. Reinstein, Timothy J. Archer
121. **Comparison of early visual recovery and biomechanical influence on higher order aberrations between Small Incision Lenticule Extraction (SMILE) and femtosecond LASIK**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Dan Z. Reinstein, Kishore R. Pradhan, Glenn I. Carp, Timothy J. Archer, Marine Gobbe
122. **SMILE Lenticule Thickness Readout of the VisuMax Femtosecond Laser compared to Artemis VHF Digital Ultrasound Stromal Measurements**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe
123. **Creation of flaps using the VisuMax femtosecond laser assisted by Artemis VHF digital ultrasound epithelial thickness measurement for retreatment after previous PRK due to thin corneas**
European Society of Cataract and Refractive Surgery
September 8-12, 2012, Milan, Italy
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
124. **Spherical Aberration change as a function of pupil size: a comparison between Small Incision Lenticule Extraction [SMILE] and non-linear aspheric LASIK in moderate to high myopia**
Association for Research in Vision and Ophthalmology
May 5-10, 2012, Fort Lauderdale, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe

125. **Effect of Spherical Aberration and Total Higher Order Aberrations on Distance Corrected Near Vision and Contrast Sensitivity in Presbyopic Patients after Laser Blended Vision**
Association for Research in Vision and Ophthalmology
May 5-10, 2012, Fort Lauderdale, USA
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe
126. **Masking Effect of the Epithelium on Ocular Wavefront Aberrations in the Virgin Cornea and after Myopic LASIK**
American Society of Cataract and Refractive Surgery
April 21-24, 2012, Chicago, USA
Marine Gobbe, Dan Z. Reinstein, Timothy J. Archer
127. **Influence of Epithelial Thickness Profile Changes on Topography- or Wavefront-Guided Custom Ablation for Refractive Surgery Complications**
American Society of Cataract and Refractive Surgery
April 21-24, 2012, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
128. **Stereo acuity Safety and Efficacy after Corneal Presbyopic LASIK in Myopic, Hyperopic and Emmetropic Patients**
American Society of Cataract and Refractive Surgery
April 21-24, 2012, Chicago, USA
Dan Z. Reinstein, Marine Gobbe, Timothy J. Archer
129. **Laser Blended Vision: Corneal Presbyopia Correction by Control of Spherical Aberration**
American Academy of Ophthalmology
October 20-25, 2011, Orlando, United States of America
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
130. **Impact of Epithelial Thickness Profile Changes on Topography- or Wavefront-Guided Custom Ablation**
American Academy of Ophthalmology
October 20-25, 2011, Orlando, United States of America
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
131. **Accuracy of refraction measurements with the WASCA aberrometer in myopic and hyperopic astigmatism evaluated by calculating the predicted accuracy of LASIK had the WASCA refraction been used instead of the manifest refraction**
European Society of Cataract and Refractive Surgery
September 16-20, 2011, Vienna, Austria
Merce Morral, Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
132. **Clinical Evaluation of the Effect of Adding Sulcus Diameter to ICL Sizing on the Predictability of Postop Vault Height**
European Society of Cataract and Refractive Surgery
September 16-20, 2011, Vienna, Austria
Timothy J. Archer, Carlo F. Lovisolo, Marine Gobbe, Dan Z. Reinstein
133. **Impact of epithelial thickness profile changes on topography- or wavefront-guided custom ablation for refractive surgery complications**
European Society of Cataract and Refractive Surgery
September 16-20, 2011, Vienna, Austria
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe

134. **Comparison of an Experienced Surgeon with a fellowship trained surgeon: Visual Outcomes of the first 200 consecutive myopic LASIK procedures with flaps created using the VisuMax Femtosecond Laser'**
European Society of Cataract and Refractive Surgery
September 16-20, 2011, Vienna, Austria
Glenn I. Carp, Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
135. **Comparison between stromal and corneal topography in the normal cornea**
European Society of Cataract and Refractive Surgery
September 16-20, 2011, Vienna, Austria
Marine Gobbe, Dan Z. Reinstein, Timothy J. Archer
136. **Stereo acuity after corneal presbyopic LASIK in myopic, hyperopic and emmetropic patients**
European Society of Cataract and Refractive Surgery
September 16-20, 2011, Vienna, Austria
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
137. **Comparison between stromal and corneal elevation topography in the normal cornea**
Association for Research in Vision and Ophthalmology
May 1-5, 2001, Fort Lauderdale, USA
Marine Gobbe, Dan Z. Reinstein, Timothy J. Archer
138. **Spherical aberration change from 4.50 to 6.50 mm analysis zones comparing Munnerlyn, aspheric and a new non-linear aspheric ablation profile in high myopia**
Association for Research in Vision and Ophthalmology
May 1-5, 2001, Fort Lauderdale, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
139. **Changes in epithelial thickness profile 24 hours and longitudinally for 1 year after myopic LASIK**
Association for Research in Vision and Ophthalmology
May 1-5, 2001, Fort Lauderdale, USA
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe
140. **Predictability of Post-op Copolymer Phakic IOL Vault Height: Clinical Evaluation of Effect of Adding Sulcus Diameter on Sizing**
American Society of Cataract and Refractive Surgery
March 25-28, 2011, San Diego, USA
Dan Z. Reinstein, Carlo F. Lovisolo, Timothy J. Archer, Marine Gobbe
141. **Corneal Presbyopic LASIK in Emmetropic Patients: Safety, Efficacy, Contrast Sensitivity and Stereo acuity**
American Society of Cataract and Refractive Surgery
March 25-28, 2011, San Diego, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
142. **Presbyopia Correction with Wavefront-guided Monofocal Ablation and Micro-monovision, IOL-Implantation, and Monovision: Two-Year Results'**
American Society of Cataract and Refractive Surgery
March 25-28, 2011, San Diego, USA
S. Lee, Dan Z. Reinstein, S. Lee, S. Kim, H. Lee, M. Kim
143. **Clinical evaluation of the effect of adding sulcus diameter to implantable contact lens sizing on the predictability of postop vault height**
American Academy of Ophthalmology
October 15-19, 2010, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe

144. **VHF Digital Ultrasound, intraoperative handheld ultrasound and OCT: Comparing residual stromal bed thickness measurement accuracy**
American Academy of Ophthalmology
October 15-19, 2010, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
145. **Safety of Hyperopic LASIK above +4.00 D is increased by monitoring epithelial thickness profiles**
American Academy of Ophthalmology
October 15-19, 2010, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
146. **Comparison of residual stromal bed thickness measurement between Artemis VHF Digital Ultrasound, Sonogage intraoperative handheld ultrasound and Visante OCT**
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
147. **Epithelial thickness mapping to improve the safety of hyperopic LASIK**
European Society of Cataract and Refractive Surgery
September 3-7, 2010, Paris, France
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
148. **Clinical Outcomes of LASIK for High Hyperopia: +4.00 to +7.50**
World Ophthalmology Congress
June 5-8, 2010, Berlin, Germany
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
149. **Corneal Vertex Versus Entrance Pupil Centration for Hyperopic Corneal Ablations**
World Ophthalmology Congress
June 5-8, 2010, Berlin, Germany
Timothy J. Archer, Dan Z. Reinstein, Marine Gobbe
150. **Quality of Vision after Presbyopic LASIK: Contrast Sensitivity and Stereo Acuity**
World Ophthalmology Congress
June 5-8, 2010, Berlin, Germany
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
151. **Laser Blended Vision for Presbyopia: One-Year Outcomes, Contrast Sensitivity and Stereo Acuity for Myopia to -8.50 D, Hyperopia to +5.75 D and Emmetropia**
American Society of Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
152. **Approaches to Presbyopia Correction: Comparative Analysis of Wavefront-Guided Monofocal Ablation, Multifocal IOLs and Monovision: Two-Year Results**
American Society of Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
Sven Lee, Dan Z. Reinstein, Eckhard Schroeder, Honil Lee, Muyan Kim
153. **Wavefront Correction of High Refractive Errors with Aspheric Shotfiles to Increase Depth-of-Field ASA LASEK: Three-Year Results'**
American Society of Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
Sven Lee, Eckhard Schroeder, Dan Z. Reinstein, Muyan Kim, Honil Lee

154. **One- and Two-Year Clinical Outcomes of LASIK for High Hyperopia**
American Society of Cataract and Refractive Surgery
April 9-14, 2010, Boston, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
155. **Stability of LASIK in Topographic Suspect Keratoconus Confirmed Nonkeratoconic by Epithelial Thickness Mapping: Two Years Follow-up**
American Academy of Ophthalmology, Subspecialty Day
October 23-27, 2009, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
156. **Outcomes Including Stereo Acuity of Presbyopic Micro-Monovision LASIK for Myopia, Hyperopia and Emmetropia'**
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
157. **Stability of LASIK in Topographic Suspect Keratoconus Confirmed Nonkeratoconic by Epithelial Thickness Mapping: Two Years Follow-up**
American Academy of Ophthalmology
October 23-27, 2009, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
158. **Outcomes Including Stereo Acuity of Presbyopic Micro-Monovision LASIK for Myopia, Hyperopia and Emmetropia'**
European Society of Cataract and Refractive Surgery
September 12-16, 2009, Barcelona, Spain
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
159. **Stability of LASIK in corneas with topographic suspect keratoconus confirmed non-keratoconic by epithelial thickness mapping: 2 years follow-up**
European Society of Cataract and Refractive Surgery
September 12-16, 2009, Barcelona, Spain
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
160. **Treatment of High Myopia and Hyperopia with Wavefront-Guided Advanced Surface Ablation Increasing the Depth-of-Field with Aspheric Shotfiles: Three-Year Follow-up**
American Society of Cataract and Refractive Surgery
April 2-7, 2009, San Francisco, USA
Sven Lee, Dan Z. Reinstein, Sungdae Lee, Muyan Kim, Honil Lee, Eckhard Schroeder
161. **Stability of LASIK in Corneas Confirmed as Non-keratoconic by Epithelial Thickness Mapping: Two-Year Follow-up**
American Society of Cataract and Refractive Surgery
April 2-7, 2009, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
162. **Presbyopic LASIK by micro-monovision using increased depth of field from non-linear aspheric ablation profiles – Film presentation**
American Society of Cataract and Refractive Surgery
April 2-7, 2009, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
163. **Outcomes of Nonlinear Aspheric Presbyopic Micro-monovision LASIK for Myopia, Hyperopia, and Emmetropia**
American Society of Cataract and Refractive Surgery
April 2-7, 2009, San Francisco, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe

164. **Creating Micro-monovision in the Non-dominant Eye for the Correction of Presbyopia by Altering Zernike Polynomials: Eighteen-Month Follow-up**
American Society of Cataract and Refractive Surgery
April 2-7, 2009, San Francisco, USA
Sven Lee, Dan Z. Reinstein, Eckhard Schroeder, Honil Lee, Muyan Kim, Sungdae Lee
165. **Further Verification of the 'No space – No cells' concept: New information after analysis of a Ridley Lens that survived 57 years in a patient's eye**
European Society of Cataract and Refractive Surgery, 13th Winter Meeting
February 6-8, 2009, Rome, Italy
Andreas F. Borkenstein, David J. Apple, Dan Z. Reinstein, William Ayliffe, B. Zaugg, E. Assia, G. Kleinmann, G. Auffarth
166. **Contrast Sensitivity and Higher-Order Aberration Changes in LASIK for Myopia From - 8.00 to -15.00 D Using a New Nonlinear Aspheric Profile**
American Academy of Ophthalmology
November 8-11, 2008, Atlanta, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
167. **Stability of LASIK in Corneas with Forme Fruste or Suspect Keratoconus, Where Keratoconus Was Excluded by Epithelial Thickness Mapping**
American Academy of Ophthalmology
November 8-11, 2008, Atlanta, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
168. **Outcomes of presbyopic micro-monovision LASIK for myopia, hyperopia and emmetropia**
American Academy of Ophthalmology Subspecialty Day
November 7-8, 2008, Atlanta, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
169. **Centration of Hyperopic Corneal Ablations: Corneal Vertex vs. Pupil Center**
American Academy of Ophthalmology Subspecialty Day
November 7-8, 2008, Atlanta, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
170. **Outcomes of presbyopic micro-monovision LASIK for myopia, hyperopia and emmetropia**
European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
171. **Treatment of high myopia and hyperopia with wavefront-guided advanced-surface-ablation (ASA-LASEK). Increasing the depth-of-field with aspheric-shoffiles: 2 year-follow-up**
European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
Sven Lee, M. Kim, H. Lee, Eckhard Schroeder, Dan Z. Reinstein
172. **Creating monovision on the non-dominant eye for the correction of presbyopia by altering Zernike Polynomials. A new approach: 1 year follow-up**
European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
Sven Lee, M. Kim, H. Lee, Eckhard Schroeder, Dan Z. Reinstein

173. **Stability of LASIK in Corneas with Topographic Suspect Keratoconus confirmed as Non-keratoconic by Epithelial Thickness Mapping**
European Society of Cataract and Refractive Surgeons
September 13-17, 2008, Berlin, Germany
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
174. **Warum LASIK mit Femtolaser die beste Technik ist**
Swiss Society of Ophthalmology
September 12, 2008, Interlaken, Switzerland
Christian de Courten, Dan Z. Reinstein
175. **Stability of LASIK in Corneas with Topographic Suspect Keratoconus confirmed as Non-keratoconic by Epithelial Thickness Mapping**
American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
176. **Wavefront-Guided Correction of Presbyopia, Contrast Sensitivity, and Mesopic Contrast Sensitivity with Advanced Surface Ablation: Four-Year Follow-Up**
American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
Sven Lee, Dan Z. Reinstein
177. **Design of New Aspheric Ablation Profiles with Modified Zernike Polynomials to Improve Presbyopia and Night Vision Problems**
American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
Sven Lee, Dan Z. Reinstein
178. **Film presentation: Assessment of VisuMax Femtosecond Laser Flap Thickness Accuracy and Precision by 3-D VHF Digital Ultrasound Scanning**
American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
Dan Z. Reinstein, Glenn I. Carp, Timothy J. Archer
179. **Assessment of VisuMax Femtosecond Laser Accuracy and Precision of Flap Thickness and Centration**
American Society of Cataract and Refractive Surgery
April 4-9, 2008, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
180. **Assessment of VisuMax Femtosecond Laser Flap Thickness Accuracy and Precision by 3-D VHF Digital Ultrasound Scanning**
American Academy of Ophthalmology Annual Meeting
November 10-13, 2007, New Orleans, USA
Dan Z. Reinstein, Timothy J. Archer
181. **Exclusion of keratoconus initially diagnosed by Orbscan using epithelial and stromal layer thickness mapping**
American Academy of Ophthalmology Annual Meeting
November 10-13, 2007, New Orleans, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe, Ronald H. Silverman, D. Jackson Coleman
182. **Stability of LASIK performed on topographic suspect keratoconus in which epithelial thickness profiles excluded keratoconus**
American Academy of Ophthalmology Subspecialty Day
November 9-10, 2007, New Orleans, USA
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe

183. **Micro-monovision presbyopic LASIK for the treatment of presbyopia with myopia, hyperopia, and emmetropia**
American Academy of Ophthalmology Subspecialty Day
November 9-10, 2007, New Orleans, USA
Dan Z. Reinstein, Timothy J. Archer
184. **Assessment of VisuMax femtosecond laser flap thickness accuracy and precision by 3D VHF digital ultrasound scanning**
European Society of Cataract and Refractive Surgery
September 8-12, 2007, Stockholm, Sweden
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
185. **Stability of LASIK performed on corneas topographically suggestive of keratoconus made possible by epithelial thickness mapping**
European Society of Cataract and Refractive Surgery
September 8-12, 2007, Stockholm, Sweden
Dan Z. Reinstein, Timothy J. Archer, Marine Gobbe
186. **Preservation of mesopic contrast sensitivity in high myopic corneal photorefractive surgery using aspherical ablation profiles**
American Society of Cataract and Refractive Surgery, Annual Meeting 2007
April 28 – May 1, 2007, San Diego, USA
Dan Z. Reinstein, Timothy J. Archer, Darren G. Couch
187. **Using Angle to Angle to estimate Sulcus to Sulcus**
American Society of Cataract and Refractive Surgery, Annual Meeting 2007
April 28 – May 1, 2007, San Diego, USA
Dan Z. Reinstein, Timothy J. Archer
188. **Exclusion of keratoconus in corneas diagnosed as Forme Fruste Keratoconic by Orbscan using epithelial and stromal thickness mapping**
American Academy of Ophthalmology
November 9-14, 2006, Las Vegas, USA
Dan Z. Reinstein, Timothy J. Archer
189. **First results of a new wavefront-topography supported custom ablation (TOSCA)**
European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
Dan Z. Reinstein
190. **Can angle to angle be used to estimate sulcus to sulcus?**
European Society of Cataract and Refractive Surgery
September 9-13, 2006, London, United Kingdom
Dan Z. Reinstein
191. **First results of a Wavefront-Topography-Supported Custom Ablation**
American Society of Cataract and Refractive Surgery, Annual Meeting 2006
March 17-22, 2006, San Francisco, CA, USA
Dan Z. Reinstein
192. **How accurate is the ablation depth readout of an Excimer laser?**
American Academy of Ophthalmology Annual Meeting, Subspecialty Day
October 14-15, 2005, Chicago, USA
Dan Z. Reinstein, Darren G. Couch, Timothy J. Archer
193. **Wavefront-guided repair of night vision disturbances induced by LASIK**
American Academy of Ophthalmology Annual Meeting, Subspecialty Day
October 14-15, 2005, Chicago, USA
Dan Z. Reinstein, Timothy J. Archer, Darren G. Couch

194. **Probability model to quantify the inaccuracy of residual stromal thickness prediction to prevent ectasia in laser in situ keratomileusis**
European Society of Cataract and Refractive Surgery
September 9-14, 2005, Lisbon, Portugal
Dan Z. Reinstein
195. **Correction of night-vision problems after LASIK and residual refractive error by Wavefront-guided enhancement**
American Society of Cataract and Refractive Surgery, Annual Meeting 2005
April 15-20, 2005, Washington, DC, USA
Dan Z. Reinstein
196. **Inaccuracy of conventional external measurements in calculating optimal phakic IOL size**
American Society of Cataract and Refractive Surgery, Annual Meeting 2005
April 15-20, 2005, Washington, DC, USA
Dan Z. Reinstein
197. **RAWS parameter evaluation of night vision disturbances as a metric of success in wavefront-guided repair**
6th International Congress of Wavefront
February 11-13, 2005, Athens, Greece
Dan Z. Reinstein
198. **Evaluating microkeratome efficacy: 3D assessment of corneal lamellar flap thickness accuracy and reproducibility by Artemis arc-scanning very high frequency digital ultrasound**
European Society of Cataract and Refractive Surgery
February 4-6, 2005, Rome, Italy
Dan Z. Reinstein, Ronald H. Silverman, D. Jackson Coleman
199. **Is there a correlation between white-to-white and sulcus-to-sulcus or angle-to-angle that can be used for predicting phakic IOL size?**
European Society of Cataract and Refractive Surgery
February 4-6, 2005, Rome, Italy
Dan Z. Reinstein, Ronald H. Silverman, D. Jackson Coleman
200. **Binocular function after monovision induced by LASIK for hyperopic astigmatism**
American Academy of Ophthalmology/European Society of Ophthalmology
October 23-26, 2004, New Orleans, USA
Dan Z. Reinstein, Timothy J. Archer
201. **Can the wavefront add benefit to aspherically optimized spherocylindrical treatments?**
American Academy of Ophthalmology Subspecialty Day
October 22-23, 2004, New Orleans, USA
Dan Z. Reinstein, Timothy J. Archer, Darren G. Couch
202. **Modern refractive Excimer Laser surgery today: Carl Zeiss Meditec MEL-80 and surgeon controlled custom ablation with the CRS-Master**
German Society for Biomedical Engineering
September 22, 2004, Ilmenau, Germany
Eckhard Schroeder, Rudolf von Buenau, Dan Z. Reinstein
203. **Binocular function after 'blended vision' induced by LASIK for hyperopic astigmatism with the Carl Zeiss Meditec MEL-80 and CRS-Master**
European Society of Cataract and Refractive Surgery, Summer Meeting 2004
September 18-22, 2004, Paris, France
Dan Z. Reinstein

204. **Diagnosing the structural complications of LASIK by Artemis VHF digital ultrasound scanning technology**
European Society of Cataract and Refractive Surgery, Summer Meeting 2004
September 18-22, 2004, Paris, France
Dan Z. Reinstein
205. **Treating Night-Vision Disturbances Induced by LASIK with the WASCA Aberrometer, CRS-Master, and MEL-80**
American Society of Cataract and Refractive Surgery, Annual Meeting 2004
May 1-5, 2004, San Diego, California, USA
Dan Z. Reinstein, Timothy J. Archer
206. **Analysis of Structural Complications of LASIK by VHF Digital Ultrasound Scanning Technology**
American Society of Cataract and Refractive Surgery, Annual Meeting 2004
May 1-5, 2004, San Diego, California, USA
Dan Z. Reinstein
207. **Correcting the Complications of LASIK using the Carl Zeiss Meditec WASCA, CRS-Master, and MEL-80**
European Society of Cataract and Refractive Surgery, Winter Meeting 2004
January 23-25, 2004, Barcelona, Spain
Dan Z. Reinstein, Timothy J. Archer
208. **Artemis VHF Digital Ultrasound ARC-Scanning in assessing the structural Complications of LASIK**
European Society of Cataract and Refractive Surgery, Winter Meeting 2004
January 23-25, 2004, Barcelona, Spain
Dan Z. Reinstein
209. **High-Frequency Ultrasound versus Optical Coherence Tomography**
American Academy of Ophthalmology, Annual Meeting 2003
November 15-18, 2003, Anaheim, CA, USA
Dan Z. Reinstein
210. **Six-month outcomes of LASIK for the correction of myopia and myopic astigmatism using the Carl Zeiss Meditec MEL-80 and CRS-Master**
European Society of Cataract and Refractive Surgery, Summer Meeting 2003
September 6-10, 2003, Munich, Germany
Dan Z. Reinstein, Sabong Srivannaboon
211. **Study of correlation between white-to-white and sulcus-to-sulcus or angle-to-angle: Can phakic IOL size be adequately predicted from the outside?**
European Society of Cataract and Refractive Surgery, Summer Meeting 2003
September 6-10, 2003, Munich, Germany
Dan Z. Reinstein, Ronald H. Silverman, Harriet O. Lloyd
212. **Meditec MEL-80 and Surgeon-Controlled Custom Ablation Profile Design with the CRS Master**
American Society of Cataract and Refractive Surgery, Annual Meeting 2003
April 12-16, 2003, San Francisco, California, USA
Dan Z. Reinstein
213. **Symposium: Refractive Surgery Complications**
American Society of Cataract and Refractive Surgery, Annual Meeting 2003
April 12-16, 2003, San Francisco, California, USA
Dan Z. Reinstein

214. **Treating High Corneal Aberrations from LASIK and PRK Complications Using Meditec WASCA Aberrometer, MEL-70, and MEL-80**
American Society of Cataract and Refractive Surgery, Annual Meeting 2003
April 12-16, 2003, San Francisco, California, USA
Dan Z. Reinstein
215. **Epithelial and Biomechanical Changes in LASIK: Are they significant, and can we characterize them for improving the accuracy of custom ablation?**
4th International Congress of Wavefront Sensing and Aberration-Free Refractive Correction
February 14-16, 2003, San Francisco, California, USA
Dan Z. Reinstein
216. **Clinical outcomes of custom ablation with the Carl Zeiss Meditec platform**
4th International Congress of Wavefront Sensing and Aberration-Free Refractive Correction
February 14-16, 2003, San Francisco, California, USA
Dan Z. Reinstein
217. **Estimation of angle-to-angle or sulcus-to-sulcus from white-to-white and other conventional ocular measurements is not adequate for planning phakic-IOL surgery**
European Society of Cataract and Refractive Surgery, Winter Meeting 2003
February 7-9, 2003, Rome, Italy
Dan Z. Reinstein, Ronald H. Silverman, Harriet O. Lloyd.
218. **Correction of surgical complications with high corneal aberrations using the Carl Zeiss Meditec CRS-Master and Vision Master**
European Society of Cataract and Refractive Surgery, Winter Meeting 2003
February 7-9, 2003, Rome, Italy
Dan Z. Reinstein, Gordon Quinn
219. **Carl Zeiss Meditec MEL-80: LASIK outcomes of the Bangkok Study**
European Society of Cataract and Refractive Surgery, Winter Meeting 2003
February 7-9, 2003, Rome, Italy
Dan Z. Reinstein
220. **VHF digital ultrasound: Slit-lamp of the 21st Century**
American Society of Ophthalmic Ultrasound, Annual Meeting 2002
October 20, 2002, Orlando, Florida, USA
Dan Z. Reinstein, Ronald H. Silverman, Mark J. Rondeau, George Simoni, Harriet O. Lloyd, Tatyana Raevsky, D. Jackson Coleman
221. **CRS-Master: Surgeon-Controlled Custom Ablation Profile Design**
ISRS World Refractive Surgery Symposium, Orlando, Florida, Annual Meeting 2002
October 18-19, 2002, Orlando, Florida, USA
Dan Z. Reinstein, Eckhard Schroder, Holger Mausezahl, Hartmut Vogelsang
222. **Is estimation of angle-to-angle or sulcus-to-sulcus from white-to-white and other conventional ocular measurements adequate for planning phakic-IOL surgery?**
ISRS World Refractive Surgery Symposium, Orlando, Florida, Annual Meeting 2002
October 18-19, 2002, Orlando, Florida, USA
Dan Z. Reinstein, Ronald H. Silverman, Harriet O. Lloyd

223. **Should LASIK sphero-cylindrical treatments be centered on the pupil?**
ISRS World Refractive Surgery Symposium, Orlando, Florida, Annual Meeting 2002
October 18-19, 2002, Orlando, Florida, USA
Dan Z. Reinstein, Emma Cremonesi
224. **Prospective, controlled comparison of Hansatome vs. M2 aberrations: Can we control for flap induced aberrations in primary wavefront guided LASIK?**
XX Congress of the European Society of Cataract and Refractive Surgery, 2002
September 7-11, 2002, Nice, France
Dan Z. Reinstein, Frank Goes
225. **Estimation of angle-to-angle or sulcus-to-sulcus from white-to-white and conventional ocular measurements: Are there adequate correlations for safe phakic-IOL surgery?**
XX Congress of the European Society of Cataract and Refractive Surgery, 2002
September 7-11, 2002, Nice, France
Dan Z. Reinstein, Ronald H. Silverman, Harriet O. Lloyd
226. **Multicenter outcomes of LASIK for Myopic Astigmatism Using a VISX S2 Laser**
American Society of Cataract and Refractive Surgery, Annual Meeting 2002
June 1-5, 2002, Philadelphia, PA, USA
Dan Z. Reinstein
227. **Are wavefront data enough to accurately customize corneal ablations?**
American Society of Cataract and Refractive Surgery, Annual Meeting 2002
June 1-5, 2002, Philadelphia, PA, USA
Dan Z. Reinstein
228. **Limits of wavefront guided customized ablation: biomechanical and epithelial factors**
Association for Research in Vision and Ophthalmology, Annual Meeting 2002
May 5-10, 2002, Fort Lauderdale, FL, USA
Dan Z. Reinstein Sabong Srivannaboon, Ronald H. Silverman, Hugo F.S. Sutton, D. Jackson Coleman
229. **Wavefront guided treatment outcomes for the Asclepion-Meditec MEL70 and WASCA: PRK vs. LASIK**
British Society of Refractive Surgery, 2002 Annual Meeting
March 20-21, 2002, Birmingham, United Kingdom
Dan Z. Reinstein
230. **Clinical results of customized ablations using the Asclepion-Meditec MEL70 and WASCA**
3rd International Congress of Wavefront Sensing and Aberration-Free Refractive Correction, 2002
February 16-18, 2002, Interlaken, Switzerland
Dan Z. Reinstein
231. **Epithelial and Biomechanical Considerations May Be Required for Accurate Wavefront Guided Ablations**
3rd International Congress of Wavefront Sensing and Aberration-Free Refractive Correction, 2002
February 16-18, 2002, Interlaken, Switzerland
Dan Z. Reinstein
232. **Prospective Randomized Controlled Single Blind Trial of Standard PRK vs. Laser In Situ Epithelial Keratomileusis (LASEK)**
American Academy of Ophthalmology, Annual Meeting 2001
November 8-14, 2001, New Orleans, LA, USA
Emma Cremonesi, Dan Z. Reinstein, William J. Threlfall, Hugo F.S. Sutton

233. **Valsalva-like Retinopathy After Hyperopic LASIK**
 American Academy of Ophthalmology, Annual Meeting 2001
 November 8-14, 2001, New Orleans, LA, USA
Andrew A. Moshfeghi, Philip J. Ferrone, Dan Z. Reinstein
234. **Reproducibility of anterior segment surgical anatomy using the Artemis 2000 VHF digital ultrasound arc-scan**
 American Society of Ophthalmic Ultrasound, and American Academy of Ophthalmology, Annual Meeting 2001
 November 7, 2001, New Orleans, LA, USA
Dan Z. Reinstein, Nadina Bukowski, Ronald H. Silverman
235. **Ectasia in routine LASIK: occurrence rate is reduced by one third when consistently using a thinner flap**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2001
 April 30 - May 4, 2001, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Emma Cremonesi
236. **LASIK treated hyperopia and hyperopic astigmatism with the Bausch & Lomb 217C laser**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2001
 April 30 - May 4, 2001, Fort Lauderdale, FL, USA
Mark J. Cohen, Avi A. Wallerstein, Y. Alzafiri, Myriam Assouline, Pierre Demers, Dan Z. Reinstein, A. Al-Buloushi
237. **Thin button hole flaps in Hansatome LASIK surgery**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2001
 April 30 - May 4, 2001, Fort Lauderdale, FL, USA
Y. Alzafiri, Avi A. Wallerstein, Mark J. Cohen, Myriam Assouline, Jonathan D. Carr, Dan Z. Reinstein
238. **LASIK treated mixed astigmatism using cross cylinder ablation on the Bausch & Lomb 217C laser**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2001
 April 30 - May 4, 2001, Fort Lauderdale, FL, USA
Avi A. Wallerstein, Mark J. Cohen, Dan Z. Reinstein, Myriam Assouline, Pierre Demers
239. **Multi-Center LASIK Outcomes In Myopia Using The Technolas 217C In Over 20,000 Eyes**
 American Society of Cataract and Refractive Surgery, Annual Meeting 2001
 April 28 - May 2, 2001, San Diego, CA, USA
Dan Z. Reinstein; Jonathan D. Carr, William J. Threlfall, Msc; Randall Cook, Emma Cremonesi, Hugo F.S. Sutton
240. **Multi-Center Refractive Outcome Of LASIK For Correction Of Myopia In 1561 Eyes Using A Visx S2 Laser**
 American Society of Cataract and Refractive Surgery, Annual Meeting 2001
 April 28 - May 2, 2001, San Diego, CA, USA
Jonathan D. Carr, Dan Z. Reinstein, William J. Threlfall
241. **Multi-Center Stratified Outcome Of LASIK For Correction Of Myopic Astigmatism In 3703 Eyes Using A VISX S2 Laser**
 American Society of Cataract and Refractive Surgery, Annual Meeting 2001
 April 28 - May 2, 2001, San Diego, CA, USA
Dan Z. Reinstein, Jonathan D. Carr, William J. Threlfall, Randall Cook, Emma Cremonesi, Hugo F.S. Sutton

242. **Use Of Orbscan To Diagnose Biomechanical And Epithelial Changes In LASIK**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Emma Cremonesi, Dan Z. Reinstein, Hugo Sutton
243. **Prospective Randomized Single Blind Trial Of Standard PRK vs. Epithelial Autograft PRK**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Emma Cremonesi, Dan Z. Reinstein, William J. Threlfall, Hugo F.S. Sutton
244. **High Volume LASIK Surgery - Safe And Effective?**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Steven Wong, Dan Z. Reinstein, William J. Threlfall
245. **VISX S2 LASIK Results For Myopia In A High Volume Setting**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Michael Mockovak, Dan Z. Reinstein, William J. Threlfall
246. **LASIK Outcomes In Myopia In A High-Volume Setting**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Mounir Bashour, Dan Z. Reinstein, William J. Threlfall
247. **Efficacy, Accuracy, And Safety Of LASIK In A High Volume Surgical Setting Using The Visx Star S2**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Joseph King, Dan Z. Reinstein, William J. Threlfall
248. **LASIK In HIV+ Patients**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Michael E. Mockovak, Sasha Penn, Denis Finney, Justin Graham, Howard Rice, James Abrams, Michael Gorin, Bryan Doherty
249. **LASIK Treated Mixed Astigmatism Using Cross Cylinder Ablation On The Bausch & Lomb 217C Laser**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Avi A. Wallerstein, Mark J. Cohen, Dan Z. Reinstein, Myriam Assouline, Pierre Demers
250. **Bausch & Lomb Technolas 217c And Hansatome For The Correction Of Myopia With A Standardized LASIK Technique**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
Bruce Pretty, James McNeil, David Andrews, Dan Z. Reinstein
251. **LASIK Correction Of Hyperopia and Astigmatism Using The Bausch & Lomb Technolas 217C and Hansatome**
American Society of Cataract and Refractive Surgery, Annual Meeting 2001
April 28 - May 2, 2001, San Diego, CA, USA
James McNeil, Bruce Pretty, David Andrews, Dan Z. Reinstein

252. **Thin Button Hole Flaps In Hansatome LASIK Surgery**
 American Society of Cataract and Refractive Surgery, Annual Meeting 2001
 April 28 - May 2, 2001, San Diego, CA, USA
Avi A. Wallerstein, Mark J. Cohen, Jonathan D. Carr, Myriam Assouline, Dan Z. Reinstein
253. **Ectasia rates are more than halved by use of a thinner flap in LASIK**
 World Refractive Surgery Symposium 2000
 October 20-21, 2000, Dallas, Texas, USA
Dan Z. Reinstein
254. **Predictability of residual stromal thickness in LASIK: Are we always leaving "250" behind?**
 American Society of Cataract and Refractive Surgery, Annual Meeting 2000
 May 20, 2000, Boston, MA, USA
Dan Z. Reinstein, Hugo F.S. Sutton, Ronald H. Silverman, Sabong Srivannaboorn, Simon P. Holland and D. Jackson Coleman
255. **Hansatome Flap Consistency analysis by 3D VHF ultrasound pachymetric topography Best Paper of Session**
 American Society of Cataract and Refractive Surgery, Annual Meeting 2000
 May 20, 2000, Boston, MA, USA
Dan Z. Reinstein, Hugo F.S. Sutton, Ronald H. Silverman, Sabong Srivannaboorn, Simon P. Holland and D. Jackson Coleman
256. **Imaging of the eyelid with very-high frequency ultrasound**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2000
 April 29 - May 4, 2000, Fort Lauderdale, FL, USA
R. Ursea, B.G. Ursea, Ronald H. Silverman, Dan Z. Reinstein, D. Kruse, K.W. Ferrara, D. Jackson Coleman
257. **Hansatome flap consistency analysis by 3d VHF ultrasound pachymetric topography**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2000
 April 29 - May 4, 2000, Fort Lauderdale, FL, USA
Sabong Srivannaboorn, Dan Z. Reinstein, Hugo F.S. Sutton, A. Shaikh, Ronald H. Silverman, D. Jackson Coleman
258. **The accuracy of routine LASIK; isolation of biomechanical and epithelial factors**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2000
 April 29 - May 4, 2000, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Ronald H. Silverman, D. Jackson Coleman
259. **Very high frequency ultrasound evaluation of persistent flap striae after myopic LASIK**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2000
 April 29 - May 4, 2000, Fort Lauderdale, FL, USA
H.H. Liu, J.A. Lee, S.C. Belmont, Ronald H. Silverman, Dan Z. Reinstein
260. **Comparison Of 24h Post-LASIK UCVA: Technolas 217 Vs. Nidek EC5000 Treated Eyes**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2000
 April 29 - May 4, 2000, Fort Lauderdale, FL, USA
Hugo F.S. Sutton, Dan Z. Reinstein, Sabong Srivannaboorn, Ronald H. Silverman, A. Shaikh, S. Kirzner, D. Neima, D. Jackson Coleman
261. **Excimer Laser Photorefractive Keratectomy. 5 Years Follow-Up**
 Association for Research in Vision and Ophthalmology, Annual Meeting 2000
 April 29 - May 4, 2000, Fort Lauderdale, FL, USA
B. Ameline-Chalumeau, C. Romeo, S. Quesnot, Dan Z. Reinstein, Laurent Laroche

262. **Micronic resolution and biometry using high-frequency ultrasound digital signal processing**
American Institute of Ultrasound in Medicine, Annual Meeting 2000
April 2-4, 2000, San Francisco, CA, USA
Dan Z. Reinstein, Ronald H. Silverman, Hugo F.S. Sutton
263. **Ultrasound Determined Fractal Dimension of the Ciliary Processes**
American Institute of Ultrasound in Medicine, Annual Meeting 2000
April 2-4, 2000, San Francisco, CA, USA
Ronald H. Silverman, Mark J. Rondeau, Frederic L. Lizzi, Dan Z. Reinstein, D. Jackson Coleman
264. **Model Correlating Biomechanical Myopic Shifts Post-LASIK to Residual Stromal Thickness**
World Refractive Surgery Symposium of the International Society of Refractive Surgery, 1999
October 21-23, 1999, Orlando, FL, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton, Aftab Shaikh, Ronald H. Silverman, Simon P. Holland
265. **Reproducibility of the Residual Stromal Thickness Prediction in LASIK**
World Refractive Surgery Symposium of the International Society of Refractive Surgery, 1999
October 21-23, 1999, Orlando, FL, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton, Aftab Shaikh, Simon P. Holland
266. **Risk of Ectasia in LASIK: Revised Safety Criteria**
Association for Research in Vision and Ophthalmology, Annual Meeting 1999
May 9-14, 1999, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton, Ronald H. Silverman, Simon P. Holland, D. Jackson Coleman
267. **Effect of Epithelial changes on refractive outcome in LASIK**
Association for Research in Vision and Ophthalmology, Annual Meeting 1999
May 9-14, 1999, Fort Lauderdale, FL, USA
Sabong Srivannaboorn, Dan Z. Reinstein, Hugo F.S. Sutton, Ronald H. Silverman, Simon P. Holland, and D. Jackson Coleman
268. **Three-dimensional pachymetric analysis of the flap in LASIK by high-frequency ultrasound scanning**
Association for Research in Vision and Ophthalmology, Annual Meeting 1999
May 9-14, 1999, Fort Lauderdale, FL, USA
Hugo F.S. Sutton, Dan Z. Reinstein, Sabong Srivannaboorn, Ronald H. Silverman, Simon P. Holland, and D. Jackson Coleman
269. **Reproducibility of Corneal Pachymetry by PACScan (Orbscan)**
Association for Research in Vision and Ophthalmology, Annual Meeting 1999
May 9-14, 1999, Fort Lauderdale, FL, USA
Han Bor Fam, Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton, Simon P. Holland
270. **Very high-frequency ultrasound assessment of intra-corneal ring segments (ICRS)**
American Society of Cataract and Refractive Surgery, Annual Meeting 1999
April 10-14, 1999, Seattle, WA, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Simon P. Holland, Hugo F.S. Sutton, Ronald H. Silverman and D. Jackson Coleman

271. **Reliability of preoperative residual stromal thickness calculation and the safety of LASIK**
 American Society of Cataract and Refractive Surgery, Annual Meeting 1999
 April 10-14, 1999, Seattle, WA, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton, Simon P. Holland
272. **Reproducibility of central pachymetry by PACScan-Orbscan**
 American Society of Cataract and Refractive Surgery, Annual Meeting 1999
 April 10-14, 1999, Seattle, WA, USA
Han Bor Fam, Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton, Simon P. Holland
273. **Residual stromal thickness prediction and the safety of LASIK**
 Castroviejo Cornea Society and International Society of Refractive Surgery of the American Academy of Ophthalmology, Annual Meeting 1998
 November 6-7, 1998, New Orleans, USA
Dan Z. Reinstein, Sabong Srivannaboorn, Hugo F.S. Sutton
274. **Anatomic correlates of optical complications of lamellar refractive surgery**
 Castroviejo Cornea Society and International Society of Refractive Surgery of the American Academy of Ophthalmology, Annual Meeting 1998
 November 6-7, 1998, New Orleans, USA
Dan Z. Reinstein
275. **Layered evaluation of corneal surface irregularities in LASIK: Fixing the problem**
 Proceedings: Exp Eye Research Vol 67 suppl July 1st, 1998
 XIII International Congress of Eye Research, 1998
 July 26-31, 1998, Paris, France
Dan Z. Reinstein
276. **Epithelial changes in complicated LASIK: help and hindrance**
 Proceedings: Exp Eye Research Vol 67 suppl July 1st, 1998
 XIII International Congress of Eye Research, 1998
 July 26-31, 1998, Paris, France
Dan Z. Reinstein
277. **Epithelial compensation in routine LASIK – a key to improving accuracy of outcomes**
 Canadian Ophthalmological Society, Annual Meeting 1998
 June 26, 1998, Calgary, Canada
Dan Z. Reinstein, Hugo F.S. Sutton, Simon P. Holland, Ronald H. Silverman, D. Jackson Coleman
278. **Epithelial Compensation in Complicated LASIK**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1998
 May 9-15, 1998, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Hugo F.S. Sutton, Simon P. Holland, Ronald H. Silverman, T Raevsky, Harriet O. Lloyd, Andrea Cusumano, D. Jackson Coleman
279. **Anatomy of the flap in LASIK by VERY high-frequency ultrasound scanning**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1998
 May 9-15, 1998, Fort Lauderdale, FL, USA
Hugo F.S. Sutton, Dan Z. Reinstein, Simon P. Holland, Ronald H. Silverman, T Raevsky, Harriet O. Lloyd, Andrea Cusumano, D. Jackson Coleman
280. **Ultrastructural analysis of epikeratophakia lenticules removed for postoperative complications**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1998
 May 9-15, 1998, Fort Lauderdale, FL, USA
Andrea Cusumano, Dan Z. Reinstein

281. **High frequency ultrasound in corneal tissue characterization**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1998
 May 9-15, 1998, Fort Lauderdale, FL, USA
David J. Najafi, Ronald H. Silverman, Dan Z. Reinstein, S.C. Belmont, D. Jackson Coleman
282. **Accuracy of Orbscan total optical power maps in LASIK**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1998
 May 9-15, 1998, Fort Lauderdale, FL, USA
Sabong Srivannaboon, Dan Z. Reinstein, Simon P. Holland, Hugo F.S. Sutton
283. **Low contrast acuity after hyperopic-astigmatic LASIK: Effect of optical zone size**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1998
 May 9-15, 1998, Fort Lauderdale, FL, USA
Maria Clara Arbelaez, Dan Z. Reinstein
284. **Anatomy of the flap in LASIK by high-frequency ultrasound**
Best Paper of Session Award
 American Society of Cataract and Refractive Surgery, Annual Meeting 1998
 April 18-23, 1998, San Diego, CA, USA
Hugo F.S. Sutton, Dan Z. Reinstein, Ronald H. Silverman, Sabong Srivannaboon, Simon P. Holland and D. Jackson Coleman
285. **Low contrast visual acuity after hyperopic LASIK: Effect of optical zone size**
Best Paper of Session Award
 American Society of Cataract and Refractive Surgery, Annual Meeting 1998
 April 18-23, 1998, San Diego, CA, USA
Dan Z. Reinstein and Maria Clara Arbelaez
286. **Epithelial compensation in LASIK: Friend and Foe**
 American Society of Cataract and Refractive Surgery, Annual Meeting 1998
 April 18-23, 1998, San Diego, CA, USA
Dan Z. Reinstein, Hugo F.S. Sutton, Sabong Srivannaboon, Simon P. Holland, Ronald H. Silverman, and D. Jackson Coleman
287. **LASIK for the correction of hyperopic astigmatism post-RK**
 American Society of Cataract and Refractive Surgery, Annual Meeting 1998
 April 18-23, 1998, San Diego, CA, USA
Dan Z. Reinstein, Roberto Zaldivar, Susana Oscherow and Giselle Ricur
288. **Diagnosis of refractive surgery complications by ultrasound is more accurate than by video-keratography**
 American Institute of Ultrasound in Medicine, Annual Meeting 1998
 March 15, 1998, San Antonio, Texas, USA
Dan Z. Reinstein, Sabong Srivannaboon, Hugo F.S. Sutton, Ronald H. Silverman, Tatiana Raevsky, Harriet O. Lloyd, D. Jackson Coleman
289. **Stromal and Epithelial Changes in LASIK and ALK**
 American Academy of Ophthalmology, Annual Meeting 1997
 October 26-30, 1997, San Francisco, CA, USA
Dan Z. Reinstein, Ronald H. Silverman, D. Jackson Coleman
290. **Stromal and epithelial surface smoothness in normal and post-prk corneas in vivo by very high-frequency ultrasound**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1997
 May 11-16, 1997, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Andrea Cusumano, Ronald H. Silverman, Mark J. Rondeau, Matthew D. Segall, Neil F. Johnson, D. Jackson Coleman

291. **Very high-frequency ultrasound analysis of lamellar corneal refractive procedures**
Association for Research in Vision and Ophthalmology, Annual Meeting 1997
May 11-16, 1997, Fort Lauderdale, FL, USA
Andrea Cusumano, Dan Z. Reinstein, Ronald H. Silverman, Sandra C. Belmont, D. Jackson Coleman
292. **An expert system for corneal layer three dimensional pachymetry**
Association for Research in Vision and Ophthalmology, Annual Meeting 1997
May 11-16, 1997, Fort Lauderdale, FL, USA
David J. Najafi, Dan Z. Reinstein, Ronald H. Silverman and D. Jackson Coleman
293. **Analysis of ultrasonic echo patterns of corneal layers**
Association for Research in Vision and Ophthalmology, Annual Meeting 1997
May 11-16, 1997, Fort Lauderdale, FL, USA
Ronald H. Silverman, Dan Z. Reinstein, Mark J. Rondeau, Cathy X. Deng, Frederic L. Lizzi, Tatiana Raevsky, D. Jackson Coleman
294. **Acoustic microscopy of the cornea**
Association for Research in Vision and Ophthalmology, Annual Meeting 1997
May 11-16, 1997, Fort Lauderdale, FL, USA
Rachel Solomon, Ronald H. Silverman, Roxana Ursea, Dan Z. Reinstein, Andrea Cusumano, Mark J. Rondeau and D. Jackson Coleman
295. **Phakic posterior chamber intraocular lenses for the correction of high ametropia**
Association for Research in Vision and Ophthalmology, Annual Meeting 1997
May 11-16, 1997, Fort Lauderdale, FL, USA
Sandra C. Belmont, Daniel Y. Kim, Alexander P. Hatsis, George W. Rozakis, Dan Z. Reinstein
296. **Computerized corneal topographic analysis of laser thermal keratoplasty in low hyperopes**
Association for Research in Vision and Ophthalmology, Annual Meeting 1997
May 11-16, 1997, Fort Lauderdale, FL, USA
Daniel Y. Kim, Sandra C. Belmont, Dan Z. Reinstein
297. **Epithelial and stromal high-frequency ultrasound pachymetric topography to assess abnormal video-keratography post-PRK**
American Academy of Ophthalmology, Annual Meeting 1996
October 27-31, 1996, Chicago, IL, USA
Dan Z. Reinstein, Ronald H. Silverman, David Haight and D. Jackson Coleman
298. **Stromal very high-frequency ultrasound pachymetric topography post-PRK**
International Society of Refractive Surgery, Annual Meeting 1996
October 24-26, 1996, Chicago, IL, USA
Dan Z. Reinstein, Andrea Cusumano, Jonathan D. Carr, Ronald H. Silverman and D. Jackson Coleman
299. **Simultaneous 3-D pachymetry and keratometry of the full cornea using a new high-frequency ultrasound multi-directional scanning system**
Association for Research in Vision and Ophthalmology, Annual Meeting 1996
April 21-26, 1996, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Ronald H. Silverman, Tanya Raevsky, Neil F. Johnson, Matthew D. Segall, D. Jackson Coleman
300. **Ultrasonic corneal pachymetry during immersion in normal hypotonic and hypertonic media in vivo**
Association for Research in Vision and Ophthalmology, Annual Meeting 1996
April 21-26, 1996, Fort Lauderdale, FL, USA
Rachel Solomon, Ronald H. Silverman, Dan Z. Reinstein and D. Jackson Coleman

301. **Computer aided high-frequency ultrasound three-dimensional corneal kerato-pachymetric topography**
American Institute of Ultrasound in Medicine, Annual Convention 1996
March 20-23, 1996, New York City, NY, USA
Dan Z. Reinstein, Neil F. Johnson, Matthew D. Segall, Ronald H. Silverman and D. Jackson Coleman
302. **Epithelial lenticular types of the human cornea; classification and analysis of their influence in PRK**
American Academy of Ophthalmology, Annual Meeting 1995
October 29 - November 2, 1995, Atlanta, Georgia, USA
Dan Z. Reinstein, Sudi Patel, Ronald H. Silverman, Ioannis M. Aslanides and D. Jackson Coleman
303. **Epithelial and corneal pachymetric topography in PRK : effect on pre-operative planning and post-operative refraction**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Dan Z. Reinstein, Sudi Patel, Ioannis M. Aslanides, Ronald H. Silverman, Jonathan D. Carr, John Cahill and D. Jackson Coleman
304. **Computer aided high frequency ultrasound simultaneous three dimensional Corneal Pachymetric and Keratometric Topography**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Matthew D. Segall, Dan Z. Reinstein, Neil F. Johnson, Ronald H. Silverman and D. Jackson Coleman
305. **Stromal high-frequency ultrasound Pachymetric Topography post Excimer Laser surgery**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Jonathan D. Carr, Dan Z. Reinstein, Ioannis M. Aslanides, Ronald H. Silverman and D. Jackson Coleman
306. **High frequency ultrasound scanning and pachymetry in patients with Intrastromal Corneal Ring'**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Marcia Dunn, Dan Z. Reinstein, Ioannis M. Aslanides, Ronald H. Silverman, Penny A. Asbell, D. Jody Lapar and D. Jackson Coleman
307. **Effect of media tonicity on very high frequency ultrasound measurement of the cornea , corneal epithelium , and corneal stroma in vivo**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Rachel Solomon, Dan Z. Reinstein, Ronald H. Silverman, Robert Ortiz and D. Jackson Coleman
308. **High frequency ultrasound analysis of radial keratotomy incisions in a rabbit model**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Douglas R. Lazzaro, Sandra C. Belmont, Ioannis M. Aslanides, Ronald H. Silverman, Dan Z. Reinstein and Jackson D. Coleman

309. **Volumetric and pachymetric analysis of trabeculectomy blebs using 3 D reconstruction of high frequency ultrasound images**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
David J. Najafi, Ioannis M. Aslanides, Dan Z. Reinstein, Ronald H. Silverman, Mark J. Rondeau, Gregory K. Harmon, Hanna S. Rodriguez and D. Jackson Coleman
310. **In vivo functional ultrasound imaging of ciliary muscle response to pharmacological agents**
Association for Research in Vision and Ophthalmology, Annual Meeting 1995
May 14-19, 1995, Fort Lauderdale, FL, USA
Ioannis M. Aslanides, Mark J. Rondeau, Ronald H. Silverman, Dan Z. Reinstein, David J. Najafi, Harriet O. Lloyd, Roxanna Ursea, Frederic L. Lizzi and D. Jackson Coleman
311. **The corneal epithelium; spherical aberration and refraction of the eye**
British Conference on Basis Eye Research, 1995
April 11-13, 1995, Glasgow, Scotland, United Kingdom
Sudi Patel, Dan Z. Reinstein, Ioannis M. Aslanides, Ronald H. Silverman, D. Jackson Coleman
312. **Corneal Pachymetric Topography of individual layers in the assessment of abnormal video-keratography post-PRK**
Agean II Cornea Meeting, 1994
September 29 - October 2, 1994, Rhodes, Greece
Dan Z. Reinstein, Ioannis M. Aslanides, Ronald H. Silverman, David J. Najafi, Sandra Belmont, David Haight, and D. Jackson Coleman.
313. **Anterior corneal scar analysis by high frequency ultrasound scanning and three-dimensional Corneal Pachymetric Topography**
Agean II Cornea Meeting, 1994
September 29 - October 2, 1994, Rhodes, Greece
Dan Z. Reinstein, Ioannis M. Aslanides, Ronald H. Silverman, David J. Najafi and D. Jackson Coleman
314. **Ultrasonic mapping of the corneal epithelium using PVDF Transducers**
XIX International Symposium on Ultrasonic Imaging and Tissue Characterization, 1994
June 6-8, 1994, Arlington, VA, USA
Andrew Kalisz, Frederic L. Lizzi, Ronald H. Silverman, Dan Z. Reinstein, Michail Ostromoglisky, D. Jackson Coleman
315. **Epithelial and Corneal 3 D Ultrasound Pachymetric Topography Post Excimer Laser Surgery**
Association for Research in Vision and Ophthalmology, Annual Meeting 1994
May 1-6, 1994, Sarasota, FL, USA
Dan Z. Reinstein, Ioannis M. Aslanides, Ronald H. Silverman, David J. Najafi, Robert L. Brownlow, Sandra Belmont, David M. Haight, D. Jackson Coleman
316. **High-frequency ultrasound three dimensional pachymetry of experimentally induced corneal scars**
Association for Research in Vision and Ophthalmology, Annual Meeting 1994
May 1-6, 1994, Sarasota, FL, USA
Ioannis M. Aslanides, Dan Z. Reinstein, Ronald H. Silverman, Alan H. Friedman, Harriet O. Lloyd, David J. Najafi, Robert L. Brownlow, D. Jackson Coleman

317. **User Interactive Semiautomatic Corneal Layer Pachymetry**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1994
 May 1-6, 1994, Sarasota, FL, USA
David J. Najafi, Ronald H. Silverman, Dan Z. Reinstein, Ioannis M. Aslanides, D. Jackson Coleman
318. **Measurement of The Depth of Keratotomy Incisions Using High Frequency Ultrasound**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1994
 May 1-6, 1994, Sarasota, FL, USA
Sandra C. Belmont, Jaqueline W. Muller, Ronald H. Silverman, Dan Z. Reinstein, Ioannis M. Aslanides and D. Jackson Coleman
319. **High Resolution Three Dimensional Imaging of Acoustic Backscatter Parameters**
 Association for Research in Vision and Ophthalmology, Annual Meeting 1994
 May 1-6, 1994, Sarasota, FL, USA
Ronald H. Silverman, D. Jackson Coleman, Mark J. Rondeau, Susanne M. Woods, Harriet O. Lloyd, Ioannis M. Aslanides, Dan Z. Reinstein
320. **High-Frequency Ultrasound 3-D Corneal Pachymetric Topography for Surgical Planning and Post-operative Evaluation in Photorefractive Keratectomy**
 American Institute of Ultrasound in Medicine, Annual Convention 1994
 March 20-23, 1994, Baltimore, USA
Dan Z. Reinstein, Ronald H. Silverman, Ioannis M. Aslanides, Mark J. Rondeau and D. Jackson Coleman
321. **Automatic Boundary Detection for High-Resolution Ultrasonic Corneal Pachymetric Mapping**
 American Institute of Ultrasound in Medicine, Annual Convention 1994
 March 20-23, 1994, Baltimore, USA
Ronald H. Silverman, Dan Z. Reinstein, Frederic L. Lizzi, D. Jackson Coleman
322. **Corneal pachymetric topography in the assessment of anterior corneal scars for therapeutic planning**
 Contact Lens Association of Ophthalmologists, Annual Meeting 1994
 January 12-15, 1994, Las Vegas, NV, USA
Dan Z. Reinstein, Ronald H. Silverman, Ioannis M. Aslanides, Penny A. Asbell and D. Jackson Coleman
323. **High frequency ultrasound imaging, pachymetry and tissue characterization for corneal evaluation**
 American Society of Ophthalmic Ultrasound, Annual Meeting 1993
 November 13, 1993, Chicago, IL, USA
Dan Z. Reinstein, Ronald H. Silverman, Ioannis M. Aslanides, Mark J. Rondeau and D. Jackson Coleman
324. **Etiologic analysis of post-excimer central corneal keratopographic abnormalities in-vivo by high-frequency ultrasound epithelial and corneal pachymetric mapping**
 International Society of Refractive Keratoplasty, Annual Meeting 1993
 November 12-13, 1993, Chicago, IL, USA
Dan Z. Reinstein, Ronald H. Silverman, Ioannis Aslanides, Jacqueline W. Muller, Robert L. Brownlow, David H. Haight, Sandra C. Belmont and D. Jackson Coleman
325. **Corneal Pachymetric Mapping: Method and Clinical Applications**
 First International Ophthalmology Symposium, 1993
 September 9-11, 1993, Bordeaux, France
Dan Z. Reinstein, Ronald H. Silverman, Stephen L. Trokel and D. Jackson Coleman

326. **Examen de la cornée à l'aide d'ultrasons à haute fréquence avec analyse informatique (Examination of the cornea by high-frequency ultrasound with signal processing)**
Société Française d'Ophthalmologie, Annual Meeting 1993
May 16-20, 1993, Paris, France
Dan Z. Reinstein, Ronald H. Silverman, Mark J. Rondeau, Stephane Ganem, D. Jackson Coleman
327. **High Frequency Ultrasound Three Dimensional Pachymetry and Keratometry of the Cornea**
Association for Research in Vision and Ophthalmology, Annual Meeting 1993
May 2-7, 1993, Sarasota, FL, USA
Dan Z. Reinstein, Ronald H. Silverman, Stephen L. Trokel, Mark J. Rondeau, Norma Allemann and D. Jackson Coleman
328. **Evaluation of Bio-effects of High-Energy Modalities For Treatment of Glaucoma**
Association for Research in Vision and Ophthalmology, Annual Meeting 1993
May 2-7, 1993, Sarasota, FL, USA
Emma L. Vinarsky, D. Jackson. Coleman, Gregory K. Harmon, Dan Z. Reinstein, Ronald H. Silverman.
329. **High Frequency Ultrasound Quantitative Grading of Post Excimer Corneal Scarring**
Association for Research in Vision and Ophthalmology, Annual Meeting 1993
May 2-7, 1993, Sarasota, FL, USA
Norma Allemann, Wallace Chamon, Ronald H. Silverman, Daniel T. Azar, Dan Z. Reinstein, Walter J. Stark, D. Jackson Coleman
330. **Ultrasound based measurement of individual variations in anterior chamber depth for iol calculation purposes**
Association for Research in Vision and Ophthalmology, Annual Meeting 1993
May 2-7, 1993, Sarasota, FL, USA
Sue Woods , D. Jackson Coleman , Norma Allemann , Ronald H. Silverman , Emma L. Vinarsky , Dan Z. Reinstein
331. **Characterization of Ocular Tissues With Very High Frequency Ultrasound Spectrum Analysis**
American Institute of Ultrasound in Medicine, Annual Convention 1993
March 15-18, 1993, Honolulu, Hawaii, USA
Ronald H. Silverman, Mark J. Rondeau, Dan Z. Reinstein, Norma Allemann, D. Jackson Coleman
332. **El Examen de la Cornea Mediante el uso de Ultrasonido de Alta Frecuencia (High Frequency Ultrasound Examination of the Cornea)**
Ophthalmologic Meeting of the V Centenary: Ibero-American Cornea Society, 1991
September 9-13, 1991, Sevilla, Spain
Dan Z. Reinstein, Ronald H. Silverman, Norma Allemann, Peter J. Polack, D. Jackson Coleman
333. **High Frequency Ultrasound Scanning of Corneal Scar Formation In Vivo**
Association for Research in Vision and Ophthalmology, Annual Meeting, 1991
May 3-8, 1991, Sarasota, FL, USA
Dan Z. Reinstein, Peter J. Polack, Steven McCormick, Mark J. Rondeau, D. Jackson Coleman

O. TELEVISION AND MEDIA APPEARANCES

- 'Eye doctor holds key to aging without glasses'
Virginia Gazette, USA
June 17, 2020
- 'Which reveals best and worst laser eye surgery companies'
Which Magazine
November 2019
- 'Laser Eye Surgery Costs'
Which Magazine
November 2019
- 'Laser Eye Surgery Companies compared'
Which Magazine
November 2019
- 'This is what really happens when you have laser eye surgery – and how much pain to expect'
HELLO! Magazine
6 August 2019
- 'Carol Vorderman speaks out on surgery as shares update after operation'
Daily Express
30 April 2019
- 'Carol Vorderman shares selfie from bed as she recovers from eye surgery'
Mirror Online
30 April 2019
- 'Carol Vorderman, 58, shares selfie from bed as she recovers from laser eye surgery'
Mail Online
30 April 2019
- 'Laser eye surgery: Here's what it's like to have ReLEx SMILE'
The Independent
4 March 2019
- 'LONG LIVE GP TIPS Doctors'
The Sun
11 January 2019
- 'Star Eyes: Sitting Down With ... Dan Reinstein, Medical Director, London Vision Clinic'
The Ophthalmologist
January 2019
- 'LASIK or LASEK eye surgery: what's the difference and what's best for me?'
The Sun
13 September 2018
- 'Seven things nobody tells you before you get laser eye surgery'
The Sun
13 September 2018
- 'FIGHT OFF SICKNESS From socks to washing your eyelashes with shampoo, here's our tips to stop autumn ravaging your health'
The Sun
11 September 2018
- 'Man ruptures his eye'
Mail Online
6 June 2018

- 'The One Show- Professor Reinstein has Laser Blended Vision'
BBC One
4 April 2018
- 'Professor Dan Reinstein'
Lifestyle, OX Sylvia
15 February 2018, Edition 1
- 'The Latest Laser Eye Surgery Innovation Shaking Up The Health Industry - And Anyone Can Do It'
Forbes Online
25 January 2018
- 'The truth about laser eye surgery'
Red Online
22 January 2018
- 'Best Corrective Tech: Top Innovations To Eradicate Health And Cosmetic Imperfections'
Forbes Online
17 January 2018
- 'Laser Eye Surgery'
Soho Radio - live
14 June 2017
- 'Eye Surgery – The Gift of Second Sight'
British GQ Gentlemen's Quarterly
April 2017
- 'How does Laser Eye Surgery work? GQ Finds Out'
GQ Men's Lifestyle Online
20 February 2017
- 'Red and bloodshot eyes? It could be a warning sign of THESE eye conditions'
Daily and Sunday Express
11 October 2016
- 'It's like putting a man on the moon kind of stuff' – Countering laser eye surgery's scary reputation'
alphr Bioscience
21 July 2016
<http://www.alphr.com/bioscience/1003985/it-s-like-putting-a-man-on-the-moon-kind-of-stuff-countering-laser-eye-surgery-s>
- 'Eagle Eyed'
American Car Magazine
May 2016
http://pocketmags.com/onlinereader/html5_reader.aspx?custom=false&issueId=126742
- 'Laura's journey to 20/20 vision: the laser eye surgery'
Reader's Digest
March 2016
<http://www.readersdigest.co.uk/health/hearing-vision/vision/lauras-journey-2020-vision-laser-eye-surgery>
- 'Laura's journey to 20/20 vision: taking the first steps'
Reader's Digest
March 2016
<http://www.readersdigest.co.uk/health/hearing-vision/vision/lauras-journey-2020-vision-taking-first-steps>

- 'Health Show LIVE Laser Eye Surgery'
Islam Channel
27 November 2015
<https://www.youtube.com/watch?v=BZgsLO2fmnI&feature=youtu.be>
- '7 ways make-up can harm your eyes'
The Independent
23 September 2015
<http://www.independent.co.uk/life-style/health-and-families/features/7-ways-makeup-can-harm-your-eyes-10512277.html#>
- 'Dr Dawn Harper: I'm so glad I can throw away my reading glasses'
Daily Express and **Daily Express Online**
21 July 2015
<http://www.express.co.uk/life-style/health/592681/Dr-Dawn-Harper-surgery-age-related-vision>
- 'Fresh Eyes – Laser Focus'
Women's Health Magazine
April 2015
- 'Photographer was nearly blinded by her contact lens after infection caused it to swell like a golf ball'
Daily Mail
April 2015
- 'My vision of the future without specs'
Daily Express
20 January 2015
- 'I paid £3,000 to make my brown eyes blue'
The Sun
6 December 2014
- 'The Vintage Sax Collector Who Can Change Lives In Minutes'
The Telegraph
27 November 2014
- 'Correct your vision with SMILE'
The Himalayan Times
25 November 2014
- '7 ways to stay healthy at your desk'
BT.com Lifestyle
24 October 2014
- 'To laser or not to laser'
Daily Mirror Notebook
12 October 2014
- 'Is someone in your family considering laser eye surgery?'
Your Wellness
1 October 2014
- '8 ways to stay healthy at your desk'
Female First
1 October 2014
- 'Tragic lack of vision on vital eye checks'
Daily Mirror
29 September 2014

- 'Take breaks, stay clean and keep blinking: 8 ways to stay healthy at your desk'
Daily Express
25 September 2014
- 'Laser eye surgery: tried and tested'
MSN Wellbeing
24 September 2014
- 'Seven days to focus on your eyesight'
The Independent
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- 'Contact Lens nearly cost my Sight'
Daily Express – Your Health
23 September 2014
- 'Out of Sight'
Hello! Lifestyle
1 September 2014
- '5 laser eye surgery myths debunked'
BT.com Lifestyle
20 July 2014
- 'Why lifting weights at the gym may harm your eyesight'
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- 'I'm still in good shape'
TV Extra!
19 January 2014
- 'Be starry eyed'
TV Extra!
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- 'Starry Eyed'
OK Health
November 2013
- 'Prof Dan Reinstein, Plastic and Reconstructive Surgery'
Tatler, Doctors Guide 2013
24 October 2013
- 'Surgeon Dan Reinstein: I take playing the saxophone as seriously as performing eye surgery'
Metro
1 July 2013
- 'Laser Eye Surgery: man loses 28" from his waistline'
MSN Him
18 June 2013
- 'Fame and Fortune: My saxes make a sound bet'
The Sunday Times
14 April 2013
- 'I'm given a teddy bear – then eye OP begins'
The Sun
11 April 2013

- 'Laser gegen Weitsichtigkeit rücken in den Fokus: Mit neuer Lasergeneration bis zu +6 Dioptrien behandelbar'
Presstext.com (Austria/Germany/Switzerland)
16 February 2013
- 'Tatler Doctors Guide 2013'
Tatler
February 2013
- 'Does Hillary have double vision after blood clot scare? Close up shot shows 'Fresnel prism' lenses in Clinton's glasses'
Daily Mail Online
22 January 2013
- 'Laser eye surgery, an eye-opening procedure – Part 2'
Harper's Bazaar Online
11 January 2013
- 'Laser eye surgery, an eye-opening procedure – Part 1'
Harper's Bazaar Online
9 January 2013
- Drive with Roberto Perrone
BBC3 Counties Radio
2 January 2013
- 'A health expert at your fingertips - the latest medical apps'
Daily Telegraph
22 October 2013
- 'An Interview with Professor Dan Reinstein, London Vision Clinic'
Eye News Magazine
3 August 2013
- '15 Facts about aging eyes'
Healthy Magazine
3 August 2013
- Radio talk with Mark Curry on 'Curry For Breakfast' show
Talk Radio Europe Spain
30 July 2012
- 'Why you must read small print on laser eye surgery'
The Sun, Health
19 July 2012
- 'Eye-mazing surgery caught on camera'
The Sun
22 June 2012
- 'Carol Vorderman's sight was too blurry to put on her make-up until 'miraculous' laser surgery'
Daily Mail
22 May 2012
- 'Are you growing old before your time? Turn back the body clock with these tips''
Daily Mirror
18 April 2012
- 'I said goodbye to my jam-jar specs and hello to 20/20 vision'
Mail Online
25 March 2012

- Drive with Roberto Perrone
BBC3 Counties Radio
22 February 2012
- "A radical new procedure credited with helping the virtually blind to see again has been pioneered at a London clinic"
London Evening Standard
20 October 2011
- "Sci-fi laser that let Star Wars hero bin his reading specs"
Daily Mail
18 October 2011
- "Preston woman first in UK for new keyhole eye surgery"
BBC News Lancashire
7 October 2011
- "Eye surgery: Suddenly I see"
The Independent
6 September 2011
- "A Vision of Health"
Pegasus durrants
23 August 2011
- "The Queen's hair looks great thanks for my laser eye surgery"
Review 2 Mail on Sunday
3 July 2011
- "Second Sight"
Men's Health Magazine
10 June 2011
- "Judith Woods on how laser eye surgery's changed her life"
Daily Telegraph
1 June 2011
- "I'm free from glasses"
Yours Magazine
31 May 2011
- "Diagnosis: Live From The Clinic"
Channel 4
25 May 2011
- "Dr Hilary Jones undergoes LASIK"
Daybreak, ITV1
11 March 2011
- "Will a sneeze wreck my laser eye surgery?"
Daily Mail
29 January 2011
- "I tried Myleene's anti-ageing secret!"
Now Magazine
17 January 2011
- "Eye News: 5 myths about laser eye surgery"
Google
10 December 2010

- "Loose Women's Jackie Brambles: I wasn't expecting pregnancy to affect my eyesight"
Daily Mail
9 November 2010
- "Laser Eye Surgery: The Facts: The Story behind corrective eye operations"
Reveal
30 October 2010
- "Wellbeing getting the most out of life with Hannah Stephenson"
Reveal
22 October 2010
- "Experts announce the end of reading glasses"
Pegasus
October 2010
- "I can see clearly now"
Daily Express
17 August 2010
- "Chocolate? Now that is a tasty new treatment"
Daily Mail
22 March 2010
- "Laser Eye Surgery has given me Superman vision"
Telegraph
8 March 2010
- "I can see clearly now"
Hello Magazine, Issue 1110
15 February 2010
- "Business Growth for London Vision Clinic"
Telegraph
14 December 2009
- "Phillip Schofield undergoes LASIK"
This Morning, ITV1
7 December 2009
- "An eye to the future"
Financial Times, How to Spend it Magazine
October 2009
- "Find Out the Facts From the Pioneer in Laser Eye Surgery – Professor Dan Reinstein"
Insight Magazine, Issue 57
September 2009
- George Lamb Show
BBC 6
14 July 2009
- "Now look what you are missing"
The Sun
18 May 2009
- "I can see Clearly now"
SHE Magazine
May 2009

- "A closer look at laser eye surgery"
Top Sante Magazine
May 2009
- "Frances Lawrence talks about her laser eye surgery with Professor Dan Reinstein"
This Morning, ITV1
15 April 2009
- "Makeover Show"
Wedding TV, Sky Channel
April 2009
- "Bonnie Tyler's search for cure for her failing eyesight"
Algarve Property Lifestyle
29 December 2008
- "Bonnie Tyler's search for cure for her failing eyesight"
Wales Online
1 December 2008
- "Total Eclipse of my Sight" – Bonnie Tyler
The Mail on Sunday
30 November 2008
- "Laser OP let me throw away my jam jar glasses"
Daily Express – Your Health
12 November 2008
- "Laser Eye Surgeon has his sights set on hiring happy employees"
Telegraph
23 September 2008
- "Linda's model lifestyle makes her look younger than Amy"
The Sun
18 September 2008
- "Lauren Booth: I swear by (and swear at) the man who gave me 20-20 vision"
Daily Mail
28 July 2008
- "10 Years Younger"
Channel 4
27 May 2008
- **Radio Europe Mediterraneo**
2007-2008 monthly
- "Second Sight"
Men's Health Magazine
14 April 2008
- "Troops with contact lenses may get free laser surgery"
The Times
18 February 2008
- "Eyes on the Prize"
Target Sport
November 2007

- "Look into my Eyes"
Caché+ Magazine
October 2007
- "Ever Decreasing Circles"
The UK Journal of Medical Aesthetics and Anti-Aging
2007
- "The Eyes have it"
All Out Cricket
October 2007
- "More than meets the Eye"
Square Mile Magazine
September 2007
- "Why I braved laser eye surgery"
Daily Mail
August 8, 2007
- "Why I decided to take the surgical route"
Evening Standard
August 7, 2007
- "A Life in the Day: Professor Dan Reinstein"
The Sunday Times Magazine
May 13, 2007
- "Hoey Eyes an Optimistic Future after Laser Surgery"
EuropeanTour.com
April 24, 2007
- "Hoey sets sights on Tour card"
Independent
April 2007
- "Eyes Wide Open"
Sport Diver
April 2007
- "Laser Eye Surgery: See the light"
Cycling Weekly
18 January, 2007
- "Class Clip Science"
BBC2
- "Laser eye operations to give Met marksmen perfect vision"
The Evening Standard
13 January, 2007
- "Blair gun cops get laser surgery to fix dodgy eyesight"
Daily Mirror
12 January, 2007
- "How to have Laser Eye Surgery"
MSN Health
25 October, 2006

- "Turning politics into a spectacular event"
Financial Times
12 October, 2006
- Professor Reinstein interviewed on ITN Five News
ITN Five News
- "Blight and Sight..."
English Cut
29 July, 2006
- "The Science of me", Cover Story
The Sunday Times Magazine
30 April, 2006
- "Life after the Knife", Cover Story
The Sunday Times Magazine, Extreme Makeover Show
January 22, 2006
- "Laser eye operations to give Met marksmen perfect vision"
Evening Standard
January 13, 2006
- "Laser eye surgery expert"
Extreme Makeover UK
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Sky TV News, in 'Live at Five'
June 7 and June 8, 2004, London, United Kingdom
- "Better Vision, Better Performance"
Police Life
June 2003
- "Laser Eye Surgery"
Health Which? Special Investigation
February 2003
- "Can LASIK procedures put patients at risk?"
BBC News, in 'Live at Breakfast'
February 11, 2003, London, United Kingdom
- "Pro and Contra of LASIK"
BBC, in 'Watchdog'
December 12, 2002

APPENDIX I: Areas of Study and Experimental Work

Effects of varying coaxial cable length, transducer pulse energy, and post-amplifier attenuation on the signal to noise ratio in corneal scanning. • Effect of ultrasonic beam focal point placement in imaging of the corneal epithelium. • Effects of varying the band-width of ultrasonic pulses on the resolution of the epithelium. • Method for correcting trigger point inconsistencies of the LeCroy 200 MHz A-D converter. • Ocular movements during ultrasound scanning—amplitude and vector analysis. • Method of obtaining reproducible locations on the cornea for rectilinear scanning. • Statistical techniques for analyzing corneal surface parameters. • Use of Cepstrum for measuring the thickness of the endothelial-Descemet complex. • Analytic Signal Magnitude after Deconvolution for improved acoustic interface localization. • Computerized model to compare the acoustic impedance differences between epithelium and Bowman’s layer and epithelium and stroma. • Determination of true acoustic posterior boundary of the epithelium- the front or back of Bowman’s?. • M-scan technique for measuring the reproducibility of measurements of the corneal epithelium. • Comparison of A-scan to I-scan processing of echo data with respect to resolution and peak location reproducibly and pachymetry. • Measurement of the speed of sound in rabbit cornea using scanning laser acoustic microscopy. • Measurement of the speed of sound in cornea by the method of displacement. • Temporal pachymetric changes in vivo of the corneal epithelium and stroma during immersion in normal , hypotonic, and hypertonic and toxic solutions. • Bio-effects of high-frequency ultrasound on the cornea. • Linearization of local best spherical fit for topographic local radius representation of the corneal surface. • The use of Newton Iteration for obtaining true radial pachymetry of the cornea from rectilinear scan data. • Instantaneous radius of curvature calculations from rectilinear consecutive corneal scan data sets. • Three dimensional topologic mapping of pachymetric data. • Statistical methods of enhancing surface irregularities on pachymetric plots. • Software development for simultaneous pachymetric and keratometric data display. • Spectral analysis of corneal stromal tissue in normals; mean and standard deviation of parameters. • Local spectral parameter changes observe during healing corneal tissue in vivo in a rabbit model. • Stromal acoustic spectral differences between clear stroma in patients with history of stromal keratitis (HSV) and those without. • Spectral parameter imaging of post-excimer stromal haze in the rabbit. • Quantitative determination of ultrasonic backscatter in post-excimer haze - correlation with clinical and histological assessment. • Corneal curvature calculated as a function of ultrasound reflectivity during rectilinear scanning. • Two-dimensional profilometry of individual corneal surfaces. • - comparison of the normal, with post-PRK central islands. • Epithelial ablation time and topographic results by Digital Subtraction Pachymetry. • Scanning of corneal superficial masses; imaging and spectral parameter imaging. • Prospective study of the anatomy of the human corneal optical zone; epithelial power contribution, stromal surface shape factors and their role in the gradient optics and spherical aberration of the eye. • Computational PRK on a modeled cornea derived from high-frequency ultrasound scanning. • Prospective pre- and post-operative scanning of the cornea undergoing PRK, PTK, ALK, SLK, and LASIK. • Hurst Exponent determination by Two-dimensional FFT / Wavelet Packet Analysis in the quantification of epithelial and stromal surface smoothness after PRK. • Design and Development of a new prototype arc-B high-frequency ultrasound scanner for assessment of the full cornea and anterior segment Prospective evaluation of the changes induced in the cornea by LASIK and PRK The management of asymmetric

astigmatism after excimer laser surgery of the cornea by high-frequency ultrasound guidance • Safety protocol enhancement by high-frequency ultrasound evaluation of corneal anatomy in LASIK Reverse water-bath coupling system for ergonomic ophthalmologic ultrasound examination. • Population statistical modeling of ectasia risk in LASIK. • Epithelial profile changes and epithelial power shifts in LASIK. • Biomechanical analysis of corneal changes induced by LASIK. • Biomechanical effects of the creation of a flap in LASIK. • Early diagnosis of keratoconus by epithelial thickness profiling of the cornea • Physical properties of the cornea in the induction of spherical aberration by myopic ablation • Relationships between asphericity of myopic ablation profile and reduction in spherical aberration • Correlation between induced spherical aberration and biomechanically induced reduction in sphere in the human cornea • Repair of night vision disturbances after laser refractive surgery • Study of the normal epithelial thickness profile of the human cornea • Study of the normal stromal thickness profile of the human cornea • Study of the thickness profile of the epithelium and stroma of the keratoconic cornea • Development of an improved screening system for detecting keratoconus undiagnosed by topography • Development of myopic ablation profiles for correction of extreme myopia involving dual mechanism flattening – biomechanical and ablative (Boost, DZP, 7Super60) • Development of energy settings and surgical technique and instrumentation for optimizing early visual recovery in SMILE • Development of novel parameters for predicting the lens separation vault of the ICL (Implantable Collamer lens)

APPENDIX II: Summary of Clinical Training and Experience prior to establishing the London Vision Clinic

My training and experience has made me into an ophthalmologist with a solid general medical and surgical background, who has focused as a sub-specialist in two distinct but interrelated directions. Firstly, I have formal Fellowship training and expertise in ophthalmic ultrasound and in particular in VHF digital ultrasound evaluation of the eye – this covers a wide variety of ophthalmic sub-specialty areas (cornea, cataract, glaucoma, tumours, trauma, refractive surgery). Secondly, I have formal training and expertise in cornea, external diseases and refractive surgery.

Below is a chronological account of my clinical training and experience in ophthalmology.

Research Fellow in Ophthalmic Epidemiology, (September 1990 to January 1991), *Institute of Ophthalmology, London*. Following house jobs in London, I spent 6 months under Richard Wormald, MA MSc FRCS, FRCOphth, setting up a research project involving the epidemiology of uncorrected but correctable visual acuity deficit in the elderly. The field work was carried out while I was SHO in A&E at St. Mary's Hospital (January 1991 to July 1991). The results were subsequently published in the BJO (1993).

Ophthalmology Fellow (November 1991 to January 1994). I became a Fellow in the *Department of Ophthalmology at The Weill Medical College of Cornell University of in New York*, under the Chairman, Professor D. Jackson Coleman. Prof. Coleman's work in the 80's focused on signal processing of digitised ultrasound for tissue characterization of melanoma of the eye. My work centered on developing a link between the Cornell digital signal processing technology and the use of very high-frequency (VHF) ultrasound scanning probes, which had just become available. I attended all ophthalmic B-scanning performed at Cornell's ophthalmic ultrasound scanning service, led by Professor D. Jackson Coleman, and reviewed all formal reporting, gaining extensive experience in all aspects of ophthalmic B-scanning.

During the ongoing development of Cornell's VHF digital ultrasound technology, I began to apply it to assess the complications of corneal refractive surgery. In early 1992, Professor Stephen Trokel referred a group of patients to me for diagnostic assessment of Central Islands after photorefractive keratectomy (PRK). This was a newly identified phenomenon, which had started to occur during the US FDA Phase II clinical PRK trials. At that time, there was no understanding as to their aetiology or treatment, let alone prevention. This "clinical" emergency led me to rapidly develop a 3D mapping technique for the epithelium, with which I was able to demonstrate that Central Islands were occurring in two distinct clinical sub-groups: the first was epithelial heaping in the centre of the cornea, the second was due to central stromal bumps. The latter was subsequently found to occur as a result of a corneal smoke plume blocking oncoming laser pulses in the central cornea. This research led VISX to develop algorithms for the addition of extra pulses in the centre of the cornea. The extra pulses would mitigate the formation of Central Islands, relying on the epithelial capability for stromal surface smoothing.

Residency in Ophthalmology. (1993-1996) I was resident in ophthalmology at the *Mount Sinai School of Medicine, New York, New York* (Chairman: Steven Podos, MD, Residency

Director: Robert Fischer, MD). Mount Sinai's residency is considered to be one of the top programs in the United States. The residency clinical experience is divided into equal thirds among the tertiary referral case load of the Medical School hospital itself, the Bronx Veterans Administration Hospital (very busy outpatient and surgical case loads), and Elmhurst Hospital in Queens which is a city hospital (providing very busy outpatient and surgical case loads). Elmhurst is a Level I trauma centre serving as a catchment area for one million people in a relatively "rough" neighborhood of Queens, and thus providing significant trauma and emergency department experience. During my third year I was Chief Resident, and rotated among the three hospitals, gaining broad surgical experience in the wide range of ophthalmic surgical sub-specialties. In most US based residency programs, every procedure performed by a resident is done under Consultant (Faculty) supervision, "skin-to-skin" (there are no resident-on-resident cases).

As Chief Resident, my surgical training and primary surgeon skills acquired ranged from performing 15 minute topical/small incision/foldable phacos (relatively avant-garde in 1995), to advanced oculoplastics under the guidance of Professor Murray Meltzer. As primary surgeon, I performed operations such as a paediatric blepharophymosis correction procedure (involving a medial canthal Moutarde double z-plasty, cantilevered titanium T-plates to correct the telecanthus and bilateral fascia lata frontalis slings), and a bilateral symblepharon repair post Stevens Johnson Syndrome (with buccal mucosa and hard palate grafting). My residency training included all common general ophthalmic procedures such as DCR's, trabeculectomy, deep sclerectomy (mini-fellowship under Françoise Valtot, Hôpital St. Joseph, Paris France), eyelid procedures (ectropion, entropion, tumour resection, blepharoplasty), squint, medical retinal laser procedures, and some vireo-retinal procedures as primary surgeon. As Chief Resident, I performed 3 PKPs, one of which comprised consisted of a triple procedure.

During residency, through special dispensation from Mount Sinai Hospital Medical School, I retained an appointment as **Visiting Fellow** at the Department of Ophthalmology of the Weill Medical College of Cornell University. This enabled me to continue, on a part-time basis, my work on the VHF digital ultrasound scanning.

On completion of my residency at Mount Sinai in July of 1996, I returned to Cornell for another year. My appointment was initially as **Instructor in Ophthalmology**, and subsequently as **Assistant Professor of Ophthalmology**, and **Director of Research in Refractive Surgery**. My responsibilities were to run a "complications of refractive surgery" service and to continue the development of the VHF ultrasound technology. It was during this period that we improved on the rectilinear scanner and developed the first VHF digital ultrasound arc B-scan device, specifically designed for anterior segment scanning. During that year I was also involved in VHF ultrasound scanning for the tertiary referral faculty practice at Cornell. I gained further experience in complex cases requiring anterior segment VHF ultrasound diagnosis, such as anterior segment tumors, hypotony, chronic iritis following cataract or other anterior segment surgery, trauma and glaucoma--including deep sclerectomy--and the functional anatomy of blebs.

In 1997, reports from South America of high-volume LASIK results were beginning to be presented at international congresses. There was little LASIK being performed in North America, and in general there was a distinct lack of formal training in the field of refractive surgery. Therefore, I decided to utilize my fluent Spanish, and applied for funding to

undertake a self-designed refractive surgical fellowship program in South America. Funded as a **Paul Keyser International Scholar**, (Pan-American Association of Ophthalmology), I set up a unique, two-month refractive surgery fellowship program in South America. My goal was to learn techniques from the pioneers and world leading refractive surgeons. This experience provided me with an unparalleled training in the fundamentals of then current refractive surgical techniques and the management of complications.

Paul Keyser Scholar; Refractive Surgical Fellowship. (August-September 1997).

I spent time in clinic and operating with Roberto Zaldivar in Mendoza, Argentina, observing his high efficiency day-case centre where he routinely performed 10 phacos and 35 LASIK procedures in the space of 3 hours. I then spent three weeks with Dr. Maria-Clara Arbelaez, in Cali, Colombia, a disciple of Luis Ruiz, MD who was recognised as one of the leading LASIK surgeons at that time. I was able to observe Alberto Chacon, MD at the Instituto de Cornea in Bogota, Colombia. Dr. Chacon, a cornea specialist, had developed numerous techniques to help correct many of the early radial keratotomy and trapezoidal keratotomy complications of the 80's. He presented (or showed) many of his patients in whom he surgically managed the complications of multiple incisional refractive keratotomy by compression sutures, wedge resection, and corneal cerclage. Finally, I spent 3 weeks with Jose Ignacio Barraquer and Carmen Barraquer, at the Clinica Barraquer in Bogota, Colombia. Having studied J.I. Barraquer's 1980 textbook on keratomileusis (in Spanish), it was an exceptional experience to be able to ask questions and learn directly from the author and father of lamellar corneal refractive surgery. Understanding the core principles and the basic science behind microkeratome design and operation, corneal lamellar tissue handling, and the management of complications was quite different under the tutelage of those who literally "wrote the book" on keratomileusis. Dr. Arcienegas provided insight into the breadth of incisional corneal refractive surgery techniques, albeit techniques that are more of historical value now. Grand Rounds at the Instituto Barraquer showed a culture amongst the residents of deep academic commitment to the understanding of refractive surgery from the bottom up: as one would expect of any surgeon for any sub-specialty. I observed Carmen Barraquer and several other surgeons in surgery performing LASIK, PKPs and phaco. The sum total of this fellowship was that in preparation for my formal University based fellowship training in cornea and refractive surgery, I had been exposed to over 500 refractive surgical procedures, performed by the top authorities of the day.

Cornea, External Disease, and Refractive Surgery Fellowship. (1997-1999).

In October of 1997, equipped with the prototype VHF digital ultrasound arc B-scanner, I arrived in Vancouver Canada to begin a 16 month Fellowship at the University of British Columbia in Cornea, External Diseases, and Refractive Surgery. My time was divided amongst cornea and external disease clinic, corneal transplantation surgery with Simon P. Holland, MB MRCP FRCOphth FRCS, and cataract and refractive surgery with Hugo Sutton, MD FRCS.

Hugo Sutton is Clinical Associate Professor at UBC, a high volume phaco surgeon, and North American pioneer in laser refractive surgery. Dr. Sutton had already performed upward of 5,000 PRK procedures by 1997. By October 1997, with several hundred LASIK procedures experience, Dr. Sutton was one of the most experienced North American LASIK surgeons. After observation of approximately 600 LASIK procedures, I began performing LASIK

surgery. My first 256 procedures were fully supervised by Dr. Sutton. Over the following 4 years, I performed over 6,000 laser refractive procedures, 95% of them LASIK. Dr. Sutton's cataract practice continued into 1988, and I performed 196 topical small incision phaco foldable-PCIOL procedures, fully supervised.

Under the supervision of Simon P. Holland and other cornea faculty at UBC, I worked two days per week at the University based cornea practice which serves as the primary tertiary referral centre for the whole of British Columbia. I gained experience in cornea and external diseases, contact lens, corneal transplantation, and the management of complex corneal surgical and anterior segment surgery.

Director of Clinical Operations, LASIK Vision Corporation, Vancouver, BC. (1999).

On completing the Fellowship at UBC, I was offered this position in what was at the time, a three clinic Canadian chain providing high-volume laser refractive surgery. The company had further expansion plans in Canada, planning to open one new clinic approximately every month. By the end of the summer of 1999, there were ten LASIK Vision clinics operating in Canada. As Director of Clinical Operations, my responsibilities included medical protocol development, development of surgeon training systems and clinical staff training protocols. In addition to these duties, I was an operating surgeon at the Vancouver clinic, performing laser refractive surgery. I was clinically responsible for overseeing and advising on all complications referred-in by company surgeons. Under my direction, early clinical trials had been started, involving the Bausch & Lomb Topolink system incorporating epithelial thickness profiles derived from VHF digital ultrasound scanning.

National Medical Co-Director, LASIK Vision Corporation, Vancouver, BC. (September 1999 – August 2000).

The final stages of the Canadian expansion of the LASIK Vision Corporation led to a total of 15 clinics in Canada, performing a surgical volume equivalent to approximately 75,000 eyes per year. I instigated and developed a Medical Advisory Board to oversee the development of medical standards, surgeon and staff training, and accreditation as well as medical technology assessment.

I headed a team that was set up to do a time-flow study analysis of high volume surgical clinic flow, to determine the optimum number of procedures that could be performed per day per surgeon adhering to the highest possible standard of care. This work led to enhancements in clinic design, informed consent systems, and accurate staffing levels.

Professeur Associé en Ophtalmologie, Pole Hospitalo-Universitaire d'Ophtalmologie St. Antoine - XV-XX, University of Paris VI; Faculty of Medicine St. Antoine. (September 1999 to September 2000).

Concurrent with my commitments at LASIK Vision Corporation, I had applied and succeeded in obtaining full professorship in ophthalmology at the University of Paris (VI) at the Quinzes-Vingts hospital in Paris. The grading of the position was set at the highest level in the hierarchy of the French academic system (level I, class I). During this tenure I spent approximately two weeks in eight in Paris, lecturing, supervising surgery, directing research projects, and supervising a DEA (Diplôme d'Etudes Approfondis) candidate in her thesis

work on the Orbscan II topography system. I set up a prototype VHF digital ultrasound scanner in Paris, and ran regular complication clinics for the refractive surgery and glaucoma services. This scanner still remains at the Quinzes-Vingts under my direction.

International Medical Co-Director, LASIK Vision Corporation, (August 2000 – April 2001).

In preparation for the US expansion, and the necessity for recruitment of a large number of new surgeons, I led the development of a surgeon certification and accreditation course, designed to help surgeons, already experienced in LASIK, to become well rounded, academically current, expert specialists. The course consisted of three sections: didactic, observational, and proctored surgery modules. Over 80 surgeons were trained during the year 2000. The LASIK Vision protocols developed, together with this induction course, provided a highly controlled, evidence-based practice setting in which this uniformly employed surgical protocol proved to decrease complication rates as well as the rate of loss of BSCVA. Evidence of this achievement was presented in San Diego, CA at the ASCRS 2001. In addition, I aimed to develop a culture of research and development within this high-volume, commercial enterprise.

The company business plan called for the opening of fifteen new clinics in the second quarter of 2000 as the first phase of expansion into the United States. Given this very aggressive expansion program, I was assigned the task of creating a team consisting of a core of allied-health professional “trainers” who would systematically educate and prepare incoming staff to work in these new clinics. Fifteen clinics were opened between March and July of 2000, each performing approximately 500 procedures in the first month.

I also was responsible for originating, designing, and programming the first multi-clinic refractive surgery quality control software system – PIQASO (performance indicators for quality assurance and surgical outcomes). This system, along with the addition of a full time statistician and a database manager, was implemented in the spring of 2000. By year’s end PIQASO had already collected data on over 68,000 eyes as an active surveillance sample of the ongoing surgical work in all clinics. Monthly and quarterly reports of quality of care and performance were generated by clinic and by surgeon. Cluster analysis methods were used to define “outliers” amongst surgeons or clinics from the median standard. I set up quality assurance systems to investigate and remedy clinical system faults detected by PIQASO. During this period the company grew to 450 employees and 30 clinics. Thanks to these systems set in place, all clinic openings were shown to have taken place with no adverse incidents, and quality control data demonstrated excellent operational standards, consistent throughout all clinics.

I set up and headed a medical risk management department, responsible for actively managing day-to-day adverse events, formally defining and reporting clinic problems, and coordinating with the quality assurance program.

Following the initial US expansion phase, a new senior management restructuring resulted in my appointment as **Chief Medical Officer** (September 2000 – April 2001). The Medical Advisory Board was dissolved, and I was made Chairman of a new, *Medical Standards Board*, consisting of university based, fellowship-trained refractive surgeons, whose task it was to continuously update and reevaluate the medical policies, procedures, and protocols.

With the two positions combined, I became responsible for all medical aspects of the company. These included day-to-day operations, protocol development and implementation, surgeon and optometrist training, accreditation and re-accreditation, risk management, quality control, public relations, and technology evaluation.

Clinically I was still performing 'routine' laser eye surgery two days per week (approximately 300 procedures per month), and spent one day a week on continuing my clinical research with VHF digital ultrasound as well as wavefront technology applied to the treatment of the complications of refractive surgery. I trained three fellows in refractive surgery during the period 2000-2001. Dr. Sabong Srivannaboon went on to be director of refractive surgery at Siriraj University Hospital in Bangkok, Dr. Han Bor Fam became head of the cornea and refractive surgery unit at the university hospital Singapore, and Dr. Emma Cremonesi returned to Mexico City where she holds an appointment at the Instituto de Oftalmologia Conde de Valencia.

In November of 2001, I was head-hunted to become the lead medical consultant to Carl Zeiss Meditec for the development of their laser refractive technology. Based on this, and a number of personal as well as other positive professional factors, I decided to return to Europe, where I established the London Vision Clinic with one clear goal in mind: to construct a refractive surgical clinic where the standard of care, outcomes of surgery and safety of laser eye surgery were at the highest possible level. Concurrent with this we are beginning to set up an ambitious but in my view essential project for third-world vision care; the bringing of laser refractive surgery to those who need it most: people who cannot afford glasses. Through the London Vision Clinic Foundation we hope to eventually prove that laser eye surgery can be provided at very low cost to individuals who are technically blind because of their inability to afford glasses. This concept is new, and will take monumental efforts to make it a reality; however, we have already begun this work with a project in Nepal in conjunction with the Tilganga Institute of Ophthalmology and the Himalayan Cataract Project.

Appendix II last updated: December 2018