

## ROBERTO PINELLI

Having gained extensive experience in Italy and abroad, including twenty years as a microsurgeon and researcher in the field of ophthalmology, in 2013 Roberto Pinelli became founder and CEO of **SERI - the Switzerland Eye Research Institute in Lugano. SERI Lugano** is a centre for innovative research in vision science where he continues to develop the use of photons in treating visual impairments, presbyopia and retinal degenerative diseases, combining this with specific nutraceuticals.

The Lugano Protocol, developed in SERI Lugano, and using photobiomodulation and natural phytochemistry, has been the subject of internationally-renowned peer-reviewed scientific publications in the field of neuroscience, opening up new perspectives for the use of photobiomodulation and nutraceuticals in neurodegenerative diseases, extending beyond the field of ophthalmology.

He is a staunch advocate of new surgical techniques and innovations in ophthalmology, with a constant focus on non-invasiveness, rapid and pain-free treatment, immediate discharge from the clinic and overall patient's well-being. The eye treatments are distinguished by the use of different light sources applied in the different phases of treatment, and depending on the proposed objective. Photons - infinitesimal light particles - are selected according to different types and modulations, and channelled to the eyes in a natural manner. This means that surgical scalpels, incisions, injections and stitches can be completely avoided. **FemtoLasik Lux**® uses femtosecond, exciplex and ultraviolet light for the correction of **myopia, hypermetropia and astigmatism**; the **Pinelli Presby Profile**® incorporates a special algorithm for the treatment of **presbyopia**; **Transepithelial Osmotic Corneal Cross-Linking with ParaCel**® is a procedure which allows keratoconus to be treated without trauma thanks to the synergy

between UV-A and an eye drop solution developed by Dr Pinelli and marketed worldwide. This action halts the progression of the disease and avoids the need for a corneal transplant. In 2018, he launched the "**Pinelli Project**", a project aimed at formulating plant-based nutraceutical products for the well-being of the eyes and the body.

### International Recognitions

Invited Member of the British society, the International Intra-Ocular Implant Club (IIIC), which brings together 250 experts selected worldwide (2002 – present);  
Member of the VIP Club (Vision International Presbyopia), Ophthalmologic Network Organisation (ONO);  
Member of the Editorial Board of the US scientific publication *Journal of Refractive Surgery*;  
Member of the International Committee of the US scientific publication *Ophthalmology Times Europe*;  
Member of the International Editorial Board of *Cataract and Refractive Surgery Today* (CRST);  
Member of the Expert Board of the *International Journal of Ophthalmology* (IJO);  
Member of the International Council of the International Society of Refractive Surgery / American Academy of Ophthalmology (ISRS/AAO), (2000 – 2010);  
Member of the Executive Committee of the International Society of Refractive Surgery / American Academy of Ophthalmology (ISRS/AAO), (2009 – 2010);  
American Academy of Ophthalmology Achievement Award (2010);  
Member of the ISRS International Meetings Committee, (2013 – present);  
Member of the Publication Committee of the European Society of Cataract and Refractive Surgery (ESCRS), EUROTICES, (2000 – 2003);  
President of the Italian Society of Refractive Surgery (SICR) between 2004 and 2009;  
President of the non-profit organisation SEEING between 2004 and 2010;  
Member of the Scientific Advisory Board of Biosyntrx;  
Member of the Medical Advisory Board of Avedro, Inc.  
Executive Editor of the "Ocular Microinflammation" section of the *Interdisciplinary Journal of Microinflammation* (2014 – present).  
Member of NAALT- North American Association for Photobiomodulation Therapy (2021-present);  
Member di WALT- World Association for Photobiomodulation Therapy (2021-present).

### Publications:

Pinelli R, "A New approach to LASIK". *Cataract & Refractive Surgery Today*, September 2003;  
Digital Anthology of surgical interventions performed by international surgeons. ASCRS 2003 Annual symposium – Refractive Highlights, September 2003;

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Masket S, Tassignon M, Johnson S, Arnold P, Gills P, Spalton D, Koch P, Snyder M, Pinelli R, Gayton J, Bucci F: *"Cataract Surgical Problem–Consultation Section"*. Journal of Cataract and Refractive Surgery, Vol. 31, December 2005;

Garg A, Fine H, Pallikaris I, Chang D, Tsuneoka H, Bovet J, Innovative Techniques in Ophthalmology, Pinelli R, capitolo 21 *"Presbyopic Multifocal LASIK (PML): A New Approach in Corneal Refractive Surgery"* in Jaypee Brothers Medical Publishers Ltd., January 2006;

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Wang M, Pinelli R., *"Topography for the corneal refractive surgery"*. Slack Inc., March 2

Pinelli R., "C3-Riboflavin for the treatment of keratoconus". *Cataract & Refractive Surgery Today Europe*, Volume 1, No. 4, July/August 2006, pp.49-50;

Garg A., Hoyos J., Urzua G.A., Pinelli R., Mehta K.R., Piovella M., *Mastering the Techniques of Presbyopia Surgery*, capitolo: 26 "Conductive Keratoplasty", capitolo 37: "Presbyopic Multifocal LASIK (PML): A New Approach in Corneal Refractive Surgery" in Jaypee Brothers Medical Publishers Ltd., 2006;

Pinelli R., "5 Questions: Roberto Pinelli, MD". *Cataract & Refractive Surgery Today Europe*, July/August 2006, pp. 58;

Pinelli R., "Corneal cross-linking with riboflavin: entering a new era in ophthalmology". *Ophthalmology Times Europe*, September 2006

Pinelli R., Nchuinang Ngassa E., Scaffidi E., "Sequential approach to the correction of mixed astigmatism". *Journal of Refractive Surgery*, Volume 22, October 2006;

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Schalhorn S. Predictable refractive outcomes: The future of keratoconus treatment. EYE WORLD Refractive, September 2016;

C. Muste J, W. Russell M., P. Singh R. "Photobiomodulation Therapy for Age-Related Macular Degeneration and Diabetic Retinopathy: A Review". Clin Ophthalmol. 2021; 15: 3709–3720;

## **PARTICIPATION IN NATIONAL AND INTERNATIONAL MEETINGS AND CONFERENCES**

**6TH WINTER REFRACTIVE SURGERY MEETING OF THE EUROPEAN SOCIETY OF CATARACT AND REFRACTIVE SURGEONS (ESCRS)**, Barcelona 25-27, (Spain) January 2002.

Presentation / poster:

Session: Ablation improving technique – "Laser in Situ keratomileusis for correction of tasc Astigmatism";

Session: Cornea and Ocular Surface Surgery – "Conductive Keratoplasty: United States results of 400 eyes";

Invited to perform **live surgery** (27/01/02, 11.00 - 13.00).

**ASCRS ANNUAL SYMPOSIUM AND CONGRESS**, Philadelphia, (USA) 1-5 June 2002.

Presentation / poster:

Refractec booth Presentation: "A few simple rules to successfully implementing CK" RSU – REFRACTIVE SURGERY UPDATES. Venezia Fondazione Cini, (Italy) 21 – 22 June 2002. Dr. Pinelli was the President of the seminar

Presentation / poster:

"CK results in Italy, six months follow-up"

"SKBM vs Hansatome: a comparison made on 1000 eyes each"

**XX CONGRESS OF THE ESCRS**. Nice (France), 7 – 11 September 2002

Presentation / poster:

Session: Keratorefractive surgery for hyperopia / Combined refractive techniques – "Early personal results with conductive keratoplasty for the treatment of hyperopia".

**NON-LASER REFRACTIVE SURGERY: LATEST NEWS, THE PRESENT, AND ISSUES**.

Conegliano Veneto, (Italy), 5 October 2002.

Presentation / poster:

"The conductive keratoplasty technique for hypermetropia treatment: first results"

**7th ESCRS WINTER REFRACTIVE SURGERY MEETING**. Rome, (Italy) 7 – 9 February 2003.

Presentation / poster:

"Post-Lasik Ectasia: can we always prevent it?"

"CK for the treatment of hyperopia - patient selection and treatment results".

**THE CORRECTION OF PRESBYOPIA**, Reggio Emilia, (Italy) 21 – 22 February 2003.

Invited as faculty member.

Presentation / poster:

“Conductive Keratoplasty: technical basis and strategy for the correction of presbyopia”.

**INVITATION ANTERIOR SEGMENT SYMPOSIUM**, Aspen (USA), 8 – 11 March 2003.

Presentation / poster:

Session: Surgical treatment of presbyopia - “CK for presbyopia”.

CONDUCTIVE KERATOPLASTY – Brescia, (Italy) Istituto for Ocular Laser Microsurgery, 24 March 2003.

Courses:

Senior instructor: “Follow-up one year after the Italian investigation”

**ASCRS ANNUAL SYMPOSIUM AND CONGRESS**, San Francisco (USA) 12 – 16 April 2003.

Courses:

Senior instructor: “CK: a New Technique for the Correction of Hyperopia”. Co-instructor: Steve Pascucci, MD

Presentation / poster:

Session: Refractive Conductive Keratoplasty - “CK: patient selection and treatment results”

Refractec booth presentation: “CK in Italy: 12-month follow-up”

Panellist: Session Refractive Conductive Keratoplasty

**SOI NATIONAL CONGRESS**, Florence (Italy), Fortezza da Basso, 22 – 24 May 2003

Presentation / poster:

Session “Communications on refractive surgery”:

“Perfecting LASIK after other refractive surgical techniques: the state of the art”

“Sequential Ablation: a technique for mixed astigmatism”

“New frontiers in the CK (Conductive Keratoplasty) technique”

“Post-LASIK ectasia: can it always be predicted?”

**CONDUCTIVE KERATOPLASTY** – Brescia, (Italy) Istituto Laser Microchirurgia Oculare, 26 May 2003.

Courses:

Senior instructor: “One-year follow-up after the Italian investigation”

**CATARACT & REFRACTIVE SURGERY UPDATES** 2003, Venice, (Italy) 14 June 2003.

Seminar President. International faculty: Chu R., MD, Farini A., MD, Gordon M., MD, Guell J., MD, Ligabue E., MD, Lovisolo C., MD, Pallikaris I., MD, Rosen P., MD.

Presentation / poster:

“CK in Italy: 12 months follow-up”

“First Italian results with BD K-400” VISIVA 2003.

**PRESBYOPIA AND REFRACTIVE LENSES**, S. Benedetto del Tronto, (Italy) 4 – 5 July 2003.

Presentation / poster:

“Conductive Keratoplasty: the new frontier of thermokeratoplasty  
XXI Congress of the ESCRS, Munich (Germany), 6 – 10 September 2003.

Courses:

Senior instructor: “Conductive Keratoplasty: a new technique for the correction of Hyperopia”,

Co-instructors: Jorge Alio, MD, Stephen Brint, MD, Daniel Durrie, MD, Tatiana Naoumidi, MD, Stephen Pascucci, MD.

**ANNUAL MEETING OF THE AAO**, Anaheim (USA), 16 – 19 November 2003.

Courses:

Co-instructor of the course: “How to manage patient satisfaction after CK procedure”.

Invited to lead skill workshops.

**83rd SOI NATIONAL CONGRESS**, Rome (Italy), 26 – 29 November 2003.

Presentation / poster:

“CK: the new frontiers of thermokeratoplasty”

**CK COURSE: THEORY AND PRACTICE**– Brescia, (Italy), Institute for Ocular Laser Microsurgery (ILMO), 17 January, 14 February, 27 March, 17 April, 29 May 2004

Courses:

Senior instructor: “Conductive Keratoplasty. Clinical results after 24 months follow-up”

**8th ESCRS WINTER REFRACTIVE SURGERY MEETING**, Barcelona (Spain), 23 – 25 January 2004.

Presentation / poster:

“CK: the new frontier of thermokeratoplasty”

“Conductive Keratoplasty for the treatment of presbyopia, hyperopia and other refractive conditions in an Italian practice”

**ASCRS ANNUAL SYMPOSIUM AND CONGRESS**, San Diego (USA), 1–5 May 2004.

Courses:

Senior instructor: “Multifocal LASIK: A new way to treat presbyopia; Strategies and early results”;

Co-instructors: Agarwal A., MD, Jackson B., MD, Avalos G., MD, Tamayo G., MD

Co-instructor of the course: “Video Grand Rounds: new refractive techniques and LASIK complications”

Co-instructor of the course: “Conductive Keratoplasty for the correction of refractive errors”

Presentation / poster:

Session: Refractive, LASIK, PRK, LASEK - “Presbyopic multifocal LASIK: corneal approach to correcting presbyopia”

Refractec booth presentation: “CK for Keratoconus: does it work?”

Panelist: Session Refractive; Enhancements, Epi-LASIK

**CATARACT & REFRACTIVE SURGERY UPDATES**, Brescia (Italy), 25 – 26 June 2004.

President of the seminar. International faculty: Gordon M, MD, Guell J., Lodigiani L., Mometto C., Pascucci S., Rosen P., MD.

Presentations / Posters (International seminar):

“Corneal approach to presbyopia: CK and PresbyLASIK”

“Lasitome Microkeratome: a safe way to make a flap”

“CK: Features, surgical technique, practical suggestions, patient selection”

“CK for correction of presbyopia, hyperopia and other clinical applications”

Presentations / Posters (Refractive and cataract surgery for the general practitioner)

“The history of refractive surgery: the innovators of the past, the future prospects”

“Refractive surgery: vision defects and surgical techniques”

Live Surgery: Conductive Keratoplasty for presbyopia”

**XXII CONGRESS OF THE ESCRS**, Paris (France), 18 – 22 September 2004

Courses:

Senior instructor: “Conductive Keratoplasty for the correction of refractive errors”, co-conductors:

J. Alio, D. Durrie, S. Pascucci, T. Naoumidi

Presentation / poster:

Session: Refractive surgery new techniques / instruments 1: “CK after other procedures: clinical cases”

**AAO / SOE JOINT MEETING**, New Orleans (USA), 23 – 26 October 2004

Courses:

Co-instructor of the course: “Conductive Keratoplasty (CK) for the correction of presbyopia symptoms”

Co-instructor of the course: “Video Grand Rounds: New refractive techniques and LASIK Complications”,

LASIK in a severe case of Nystagmus”

Presentation / poster:

Refractec booth presentation: “New Frontiers in Conductive Keratoplasty”

Skill transfer courses:

“CK: Post-op management and complications”

“CK: Proper centration and marking”

**5th INTERNATIONAL CONFERENCE “MODERN TECHNOLOGIES IN CATARACT SURGERY**

Moscow (Russia), 5 – 6 November 2004

Invited as member of the faculty and surgeon for live surgery.

**FIRST PRESBYMANIA SYMPOSIUM**, Lausanne (Switzerland), 5 – 6 November 2004

Invited as presenter

**84th SOI NATIONAL CONGRESS** Rome (Italy), 24 – 27 November 2004

**PHAKONIT TECHNIQUE**, Chennai (India), 20 December 2004 – 3 January 2005

Participated as auditor. Live Surgery in the Chennai hospital, India.

**PHAKONIT 2** – Bimanual Microincision, Geneva (Switzerland), 28 January 2005 Invited as member of the Scientific Committee.

**IIIC 5th BIENNIAL RETREAT**, Aruba (Venezuela), 11 – 12 February 2005

Participated as member of the International Intra-Ocular Implant Club

**WORLD CORNEA CONGRESS V**, Washington, DC (USA), 13 – 15 April 2005

Dr Pinelli took part as an auditor

**ASCRS / ASOA SYMPOSIUM AND CONGRESS**, Washington, DC (USA), 15– 20 April 2005

Dr. Pinelli performed a piano concert at the General Opening session, and a second piano concert for the opening of the Kelman Innovator Lecture Session.

Courses:

Senior instructor: “Surgical strategies for presbyopia”; Co-instructors: R. Lindstrom, D. Durrie, A. Agarwal, C. Barraquer, R. Chu.

Co-instructor of the course: “Video Grand Rounds: new refractive techniques and LASIK complications”,

Epileptic attack during LASIK.

Co-instructor of the course: “Conductive Keratoplasty for the improvement of near vision in presbyopes”

Presentation / poster:

Session: Presbyopia, Multifocal IOLs, New techniques: “Presbyopic multifocal LASIK: 12-month follow-up of 100 eyes”

Session: Hyperopia, CK, LASIK: “Conductive Keratoplasty: Last frontiers”

Refractec booth presentation: “Last frontiers in CK”

Panelist: Session: LASIK, Pre and Post Issues

**3rd SOI INTERNATIONAL CONGRESS**, Fortezza da Basso, Florence (Italy), 11 – 14 May 2005

Courses:

Senior instructor: “Conductive Keratoplasty”

Presentation / poster:

Communications on Refractive Surgery: Final frontiers of conductive keratinoplasty

**ANNUAL SICR MEETING** (Italian Refractive Surgery Society)

**The patient with ophthalmic problems in general medicine: face-to face between GPs and specialists**, Gardone Riviera (Italy) 25 June 2005

Participated as President of the Society and Member of the Faculty

Presentation / poster:

“The surgical approach to eye problems: refractive surgery”

**THE KERATOMILEUSIS STUDY GROUP (KSMG) INTERNATIONAL CONGRESS**, Chennai



(India), 9 – 10 July 2005

Invited to perform live surgery. Awarded a Gold Medal for his career achievements.

**XXIII CONGRESS OF THE ESCRS**, Lisbon (Portugal), 10 – 14 September 2005

Courses:

Senior instructor: “The contribution of Conductive Keratoplasty to refractive surgery”, Co-co-instructors: D. Durrie, R. Chu.

**SICR COURSE FOR GENERAL PRACTITIONERS (FAMILY PHYSICIANS): “REFRACTIVE SURGERY FOR GENERAL PRACTITIONERS”**, Brescia, (Italy) 21 September 2005

Participated as President of the Society and Member of the Faculty.

Presentation / poster:

“The patient with presbyopia”

“The patient with slight hypermetropia”

A summary of the use of multifocal presbyopic LASIK and the radio frequency of conduction (CK)

**AAO ANNUAL MEETING, REFRACTIVE SURGERY SUBSPECIALTY DAY**, Chicago (USA), 14 – 15 October 2005.

Invited lecturer: “Monovision and long-term stability of Conductive Keratoplasty”

**AAO ANNUAL MEETING**, Chicago (USA), 15 – 18 October 2005

Courses:

Senior instructor: “Multifocal LASIK: a new way to treat presbyopia. Strategies and early results”,

Co-instructors: A. Agarwal, B. Jackson, G. Tamayo

Co-instructor of the course: “Video Grand Rounds: new refractive techniques and LASIK complications”,

Conductive Keratoplasty: pearls

Presentations / Posters

“Presbyopic Multifocal LASIK follow-up at 24 months in 300 eyes”

Refractec booth presentation: “Conductive Keratoplasty: new frontiers”

**ITALIAN REFRACTIVE SURGERY SOCIETY (SICR). MODULAR TRAINING COURSE ORGANISED BY SICR FOR OPHTHALMOLOGISTS: “BASIC THEORY AND OPERATING INSTRUMENTS FOR REFRACTIVE SURGERY”** Brescia, (Italy) 19 November, 17 and 18 December 2005

Participated as President of the Society and Member of the Faculty

First day: presentations / poster

“The history of refractive surgery from Barraquer to the present day”

“Illustration of the main surgical techniques and their diagnostic indications”

“LASIK”

“Conductive Keratoplasty (CK)”

“The insertion of phakic IO

Second day: Small-group exercises, assessment of clinical cases, analysis of diagnostic tools and postoperative assessments

Third day: Live surgery, wet labs.

**10TH WINTER REFRACTIVE SURGERY MEETING OF THE ESCRS**, Monte Carlo, (Monaco), 10 – 12 February 2006.

Presentations:

“CK Conductive Keratoplasty: Technical Features”

“Conductive Keratoplasty for post-cataract astigmatism”

**ASCRS / ASOA SYMPOSIUM AND CONGRESS**, San Francisco (USA), 17 – 22 March 2006

Dr. Pinelli performed a piano concert at the General Opening session, and a second piano concert for the opening of the Innovators Lecture Session.

Courses:

Senior instructor: “Presby-LASIK: A Corneal Approach to Correct Presbyopia”; Co-instructors: G. Tamayo, A. Agarwal, B. Jackson.

Co-instructor of the course: “Video Grand Rounds: new refractive techniques and LASIK complications”.

Presentation / poster:

“C3-Riboflavin Treatment for Keratoconus and Other Ectatic Disorders”

Refractec booth presentation: “New Frontiers in Conductive keratoplasty”

Panellist: Session: “Cornea: Dry eye, corneal medications”

**TRAINING COURSE** - 17 March 2006: Dr. Pinelli successfully completed a course on the insertion of Veriflex phakic IOL lenses, organised by AMO Advanced Medical Optics.

**SICR COURSE FOR GENERAL PRACTITIONERS (FAMILY PHYSICIANS): “REFRACTIVE SURGERY FOR GENERAL PRACTITIONERS”**, Brescia, (Italy) 30 March 2006

Participated as President of the Society and Member of the Faculty.

Presentation / poster:

“The patient with presbyopia”

“The patient with slight hypermetropia”

A summary of the use of multifocal presbyopic LASIK and the radio frequency of conduction (CK)

**7º CURSO DE CIRUGIA REFRACTIVA CON CIRUGIA EN DIRECTO**, Seville (Spain), 20 – 22 April 2006.

Dr. Pinelli performed **live surgery**: Conductive Keratoplasty.

Presentation / poster:

“Monovision and long-term stability of Conductive Keratoplasty”

**ITALIAN REFRACTIVE SURGERY SOCIETY (SICR)** Course for ophthalmologists: “PRESBYOPIA DAY”, Brescia, (Italy) 24 June 2006.

Participated as President of the Society and member of the Faculty..

Presentation / poster:

“LASIK, Epi-LASIK, ASA: when and why to choose a technique”

“Overview of the CK technique”

“Long-term results of CK for presbyopia”

Special lecture: “C3-Riboflavina per cheratocono”

Special lecture: Presbyopia. Understanding all the techniques in order to offer the best one for the patient”

**INTERNATIONAL INTRAOCULAR IMPLANT & REFRACTIVE SURGERY CONVENTION**, Chennai (India), 8 – 9 July 2006

Presentation / poster:

“Presbiopic LASIK: a new planet arising at the horizon. Different techniques all around the world”

“C3-Riboflavin for the treatment of keratoconus”

Dr. Pinelli was awarded the Gold Medal.

**XXIV CONGRESS OF THE ESCRS**, London (UK), 9 – 13 September 2006.

Courses:

Senior instructor: “Different ways to correct presbyopia: new strategies and early results” Co-instructors: Agarwal A., Aliò J., Tamayo G., McDonald M., Lindstrom R..

Presentation / poster:

“Clinical strategies for thin flap laser-assisted in situ keratomileusis (LASIK)”

“Corneal Collagen Cross-linking with riboflavin: results at six months follow up in 20 eyes”

“Patient satisfaction toward refractive surgery: validation of the questionnaire of the Italian Refractive

Surgery Society (SICR)”

Panelist: “The perfect solution for presbyopia”

**THE SIXTH INTERNATIONAL CONGRESS ON ADVANCES IN OPHTHALMOLOGY**, Mumbai (India), 5 – 8 October 2006.

Dr. Pinelli was awarded the Gold Medal for “Distinguished service in ophthalmology”, and was invited to present two lectures and perform live surgery (Presbyopic Multifocal LASIK PML®, Conductive keratoplasty).

**SIXTH INTERNATIONAL CONFERENCE ON MODERN TECHNOLOGIES IN CATARACT AND REFRACTIVE SURGERY**, Moscow (Russia), 27 – 28 October 2006.

Dr. Pinelli was invited to present the following lectures and to perform live surgery.

(Presbyopic Multifocal LASIK PML®):

“Monovision and long-term stability of Conductive Keratoplasty”

“C3-Riboflavin for the treatment of keratoconus and other ectatic disorders: concept and early results”

“New strategies to treat presbyopia: Presbyopic Multifocal LASIK (PML). Strategies and results at 30 months”.

**AAO ANNUAL MEETING, REFRACTIVE SURGERY SUBSPECIALTY DAY**, Las Vegas (USA), 10 – 11 November 2006.

Invited to present: “C3-R (UV-A + riboflavin) for the treatment of keratoconus and corneal ectasia: results at six months in 20 eyes”.

**AAO ANNUAL MEETING**, Las Vegas (USA), 10 – 14 November 2006

Courses:

Senior instructor: “C3-Riboflavin for Keratoconus and ectatic disorders”, co-instructors: D. Reinstein, B. Boxer Wachler, J. Kannelopoulos.

Co-instructor: “Iris Claw Phakic IOL: the present and the future”, course co-instructors: R. Chu, B. Dick, J. Guell

Co-instructor: “Video Grand Rounds: new refractive techniques and LASIK complications, LASIK without speculum”.

Presentation / poster:

Refractec booth presentation: “Conductive Keratoplasty (CK) Used to Improve Near Vision in Post-LASIK Presbyopic Emmetropes: Six-Month Results”.

**SECOND INTERNATIONAL CONGRESS OF CORNEAL CROSS-LINKING**, Zurich (Switzerland), 8 – 9 December 2006.

Dr Pinelli attended the SHORT COURSE of 8 December.

Presentation / poster:

“The Italian Refractive Surgery Society (SICR) results using C3-R”

**SICR COURSE** for ophthalmologists: “C3-riboflavin treatment: a new approach to keratoconus” Brescia, (Italy) 16 December 2006.

Present as SICR President and speaker.

Presentation / poster:

“The new technology: il Keracure PriaVision”

“The treatment of C3-Riboflavin treatment: indications and results, inclusion and exclusion criteria for treatment eligibility decisions”.

Dr. Pinelli performed C3-R treatment live

**FIRST CAIRO/MIDDLE EAST REFRACTIVE CATARACT SURGERY SYMPOSIUM**, Cairo (Egypt), 18 – 20 January 2007.

Presentation / poster:

Keynote lecture Session -Refractive Corneal Surgery: “PML® (Presbyopic Multifocal LASIK)”

Keynote lecture Session - New technology in Refractive and Cataract Surgery “Cross-linking treatment with riboflavin of keratoconus”.

Session - Video symposium: complications and challenging cases “LASIK without speculum, LASIK in nystagmus, CK in nystagmus”

**SICR COURSE FOR OPHTHALMOLOGISTS**: “C3-riboflavin treatment: a new approach to keratoconus” Brescia, (Italy) 27 January 2007.

Present as SICR President and speaker.

Presentation / poster:

“The new technology: il Keracure PriaVision”

“The treatment of C3-Riboflavin treatment: indications and results, inclusion and exclusion criteria for treatment eligibility decisions”.

Dr. Pinelli performed C3-R treatment live

**XXVIII CORSO ANNUAL, 31ST ANIVERSARIO (1976 – 2007) DE FUNDONAL–FUNDACION OFTALMOLOGICA NACIONAL**, Bogota (Colombia), 31 January – 3 February 2007.

Dr. Pinelli was invited to present the following lectures:

“Thin flap LASIK: the future of keratomileusis”

“Corneal strategies to treat presbyopia: PML® Presbyopic Multifocal LASIK”

“Conductive Keratoplasty: last frontiers”

“C3-Riboflavin for Keratoconus and ectatic disorders”

“Refractive lensectomy: strategies for vision for far and for near”

“Visante technology in cataract surgery”

**ALICANTE REFRACTIVA INTERNATIONAL 2007**, Alicante (Spain), 8 – 10 March 2007.

Dr Pinelli was invited as moderator during live surgery: C3-Riboflavin for keratoconus, and to present the following lectures:

Presentation / poster:

“PresbyLASIK: techniques and results with PresbyMax / Esiris Schwind platform”

**ASCRS / ASOA SYMPOSIUM AND CONGRESS**, San Diego (USA), 28 April – 2 May 2007.

Courses:

Senior instructor: “Different ways to correct presbyopia: new strategies and early results”,

Co-instructors: Aliò J., Agarwal A., Tamayo G., McDonald M..

Co-instructor of the course: “Refractive Surgery Nightmares and worst-case scenarios”.

Co-instructor of the course: “Iris-Claw phakic IOL: present and future”.

Co-instructor of the course: “Video Grand rounds: new refractive techniques and LASIK complications”.

Presentation / poster:

“Reviewing indications for LASIK performed under thin flaps (90 to 110 microns)”

“Corneal collagen cross-linking with riboflavin in 20 eyes: twelve months follow-up”

“Management of patient’s expectations before and after presbyopia surgery”

“Patient satisfaction with refractive surgery: the validation of the questionnaire of the Italian refractive

Surgery Society”

Panelist: Session: “Intraocular surgery: multifocal IOLs”

**ITALIAN REFRACTIVE SURGERY SOCIETY FIRST WORLD VISION SURGERY SYMPOSIUM**

Presbyopia-Keratoconus

Sirmione (Brescia, Italy), 22-23 June 2007.

Present as President of SICR President and of the scientific committee, and as speaker.

Presentations / poster:

“The PML™ curve: main aberrometric characteristics and wavefront characteristics”

“The experience of the Institute for Ocular Laser Microsurgery in Brescia

“The experience of SICR and the results”

“New frontiers”

“Presbiopic multifocal LASIK: clinical results”

“Scleracure™”

Special: Round table: “The five questions”

Special: Grand round video

Panelist: Session I “The corneal approach”

Moderator: Session I “Philosophy of the accommodation and ethiology of presbyopia”

Session Moderator: Session Wavefront aberrations: do they play a role in presbyopia?”

Session Moderator: ISRS-AAO on C3-R riboflavin

**XXV CONGRESS OF THE ESCRS**, Stockholm, (Sweden) 8 – 12 September 2007.

Courses:

Senior instructor: “Different ways to correct presbyopia: new strategies and early results” co-instructors: Agarwal A., Gordon M., Tamayo G., McDonald M., Lindstrom R.

Presentation / poster:

“Clinical strategies for thin flap laser-assisted in situ keratomileusis (LASIK)”

“Corneal Collagen Cross-linking without removing the epithelium: clinical results”

“Sub-Bowman Keratomileusis: clinical indications and personal experience”

Session Moderator: “Cornea 2”

**INTERNATIONAL SUMMER SCHOOL**, Bologna, (Italy) 24 – 30 September 2007

“Low vision, clinical epidemiology and therapeutic approaches”

Presentation / poster:

“Corneal cross-linking: New international research frontiers”

“Physical Background of the riboflavin–UV-crosslinking of the cornea”

“Corneal collagen cross-linking with riboflavin without removing the epithelium: concepts and results”

**THE INTERNATIONAL SYMPOSIUM ON CATARACT AND REFRACTIVE SURGERY**, Sharm El-Sheikh, (Egypt) 24 – 27 October 2007

Presentation / poster:

“PML™: Presbyopic Multifocal LASIK TECHNIQUES AND RESULTS” (also held at RIO Research Institute of Ophthalmology, Cairo)

“Bilateral implant on flexible phakic IOLs (Veriflex): safety, efficacy and early results” (with video)

“Corneal Cross Linking: New Frontiers”

**AAO ANNUAL MEETING**, New Orleans (USA), 10 – 13 November 2007

Courses:

Senior instructor: "Iris claw phakic IOL: the present and the future", co-instructors: Dr. Chu MD, Dr Dick MD, Dr. Guell MD.

Presentation / poster:

"Bilateral implant of foldable iris-claw phakic IOL in topical anesthesia: early results"

"Sub-Bowman Keratomileusis (SBK): clinical indications and personal experience"

"Corneal Collagen Cross-linking with riboflavin without removing the epithelium: clinical results."

**CCL 3rd INTERNATIONAL CONGRESS OF CORNEAL CROSS LINKING**, Zurich (Switzerland),

7-8 December 2007

Panelist: "Epithelium ON/OFF"

Courses:

Senior instructor: "Transepithelial Corneal Collagen Cross-Linking with Riboflavin plus Tensioactive: Results at Nine Months"

**12TH WINTER REFRACTIVE SURGERY MEETING OF THE ESCRS**, Barcelona, Spain, 8 – 10 February 2008.

Publication Committee

**ASCRS / ASOA SYMPOSIUM AND CONGRESS**, Chicago (USA), 4-9 April 2008.

Dr. Pinelli performed a piano concert at the General Opening session, and a second piano concert for the opening of the Kelman Innovator Lecture Session.

Courses:

Senior instructor: "Different ways to correct presbyopia: new strategies and early results",

Co-instructors: Agarwal A., Tamayo G., McDonald M., Lindstrom R., Gordon M.

Senior instructor: "Corneal Ectasia and Keratoconus, Etiology, Classification and Updated treatment Techniques",

Co-instructors: Dr. Barraquer, Dr. Arbelaez

Co-instructor of the course: "Iris-Claw phakic IOL: present and future".

Presentation / poster:

"Corneal collagen cross-linking with riboflavin without removing the epithelium: Clinical results"

"Intraocular Surgery Presbyopia-Correcting IOLs"

**REFRACTIVE SURGERY IN TUSCANY**, Monteriggioni (Italy), 11 April 2008.

Lectures:

"The different techniques to correct presbyopia: New strategies and first results"

"Corneal cross-linking: New international research frontiers"

**ITALIAN REFRACTIVE SURGERY SOCIETY SYMPOSIUM 2008: PRESBYOPIA, KERATOCONUS AND INSTITUTE MANAGEMENT**, Brescia (Italy), 13-14 June 2008.

Participated as President of SICR (Italian Refractive Surgery Society) and President of the Scientific Committee.

Lectures:

“Sub-Bowman Keratomileusis: clinical indications and personal experience”

“Different ways to correct presbyopia: new strategies and early results”

“Bilateral Insertion of Veriflex in topical anaesthesia: our experience and early results”

“TTCX-L: Tensioactivate Transepithelial Corneal X-Linking with Riboflavin for Keratoconus treatment”

### **EYEADVANCE**

2008, Mumbai (India), 21-24 August 2008.

Presentations / poster

Key Lecture:

“Bilateral Implant of foldable Iris Claw Phakic IOLs in topical anaesthesia: 1 year follow-up.”

“PML™: a Corneal Prolate Shape to correct Presbyopia: Concepts and Results.”

“SBK (Sub-Bowmann Keratomileusis: Primary Technique and Enhancement.”

Guest Lecture:

“Transepithelial X-Linking: Concepts and Results.”

**XXVI CONGRESS OF THE ESCRS**, Berlin, (Germany) 13-17 September 2008.

Presentations / poster:

“PML™ Presbyopic Multifocal LASIK: Presbyopic Corneal Curve to Fix Presbyopia: 3 years follow up.”

“Bioptics: monofocal refractive lensectomy and presbyopic lasik, early results.”

**NEWS IN PRESBYOPIC SURGERY AND CROSS-LINKING**, Altamura (Italy), 3 October 2008.

Presentations:

“The different techniques to correct presbyopia: New strategies and first results”

“Transepithelial cross-linking: Principles and concepts”

**JORNADA DE ATUALIZAÇÃO** 2008, Sao Paulo, (Brazil) 12-13 October 2008

Lectures:

“Presbylasik and CK”

“Conductive Keratoplasty for the Correction of Astigmatism.”)

“Conductive Keratoplasty for Treatment of Keratoconus.”

“Review Thermokeratoplasty Developments.”

“Conductive Keratoplasty (CK) Personal Technique.”

**IX MEETING “MODERN TECHNOLOGIES OF CATARACT AND REFRACTIVE SURGERY” –**

Moscow, (Russia) 23-25 October 2008.

Presentation / poster:

“PML™ Presbyopic Multifocal LASIK: Presbyopic Corneal Curve to Fix Presbyopia: 3 years follow up.”

“Corneal collagen cross-linking with riboflavin without removing the epithelium: clinical results.”

**AAO ANNUAL MEETING**, Atlanta (USA), 8 – 11 November 2008.



Presentation / poster:

“PML™ Presbyopic Multifocal LASIK: Presbyopic Corneal Curve to Fix Presbyopia: 3 years follow-up.”

“Bioptics: monofocal refractive lensectomy and presbyopic lasik, early results.”

“SBK, Sub-Bowman Keratomileusis: enhancement technique, complications and outcomes.”

“Bilateral Insertion of Veriflex in topical anaesthesia: our experience and early results.”

**EMIRATES OPHTHALMOLOGY CONGRESS** 2008, Dubai (United Arab Emirates), 20-22 November 2008

Paper / poster:

“Presbyopic corneal curve of the last generation (PML): concepts and long-term results.”

“Transepithelial corneal cross linking (TCCL): concepts and results.”

**FIRST EGYPTIAN INTERNATIONAL PRESBYOPIA MEETING**, Sharm El Sheik, (Egypt)

27 – 29 November 2008

“Presbyopic corneal curve of the last generation (PML): concepts and long-term results.”

“Transepithelial corneal cross linking (TCCL): concepts and results.”

**INTERNATIONAL CONGRESS OF CORNEAL CROSS LINKING**, Dresden, (Germany), 5-6 December 2008

“TCCXL: Transepithelial Corneal Collagen X-Linking - Italian results”

“Tensioactive TCCXL – preliminary laboratory results”

**EGYPTIAN SOCIETY OF CATARACT AND CORNEAL DISEASES**, Cairo, (Egypt) 12-13 February 2009

Lectures:

“P -Curve PresbyLASIK: concepts and long-term results”

“TCCXL: Transepithelial Corneal X-Linking- Italian Results”

“Tensioactive TCCXL: preliminary laboratory results”

**ARI ALICANTE REFRACTIVE INTERNATIONAL**, Alicante, (Spain) 5-7 March 2009

Participated in Clinical Festival of Challenging Cases:

Video: Toric IOL Implantation Post RK

Lecture:

“Bilateral Presbyopic LASIK After Monofocal Cataract Surgery

**ASCRS/ASOA ANNUAL CONGRESS** 2009, San Francisco (USA) 3-8 April 2009

Courses:

Senior instructor:

“Different ways to correct presbyopia: new strategies and early results”

Co-instructors: Agarwal A., Tamayo G., McDonald M., Lindstrom R., Gordon M, Ruiz L.A., Wachler B.B.

Lectures:

“Transepithelial Corneal Collagen Crosslinking with Riboflavin for Keratoconus Treatment”

“Presbyopic Corneal Curve of Last Generation: Concepts and Results”

Panelist:

“Cornea Deep and Penetrating Keratoplasty”

**ITALIAN REFRACTIVE SURGERY SOCIETY SYMPOSIUM 2009: WORLD VISION SURGERY SYMPOSIUM 2009. 2ND EDITION**, Brescia (Italy) 20 June 2009.

Participated as SICR president, president of the scientific committee and as speaker.

Lectures

“Presbyopia and the corneal solution”

“Bilateral Restore 3: personal experience - “Corneal Cross Linking: Lab test Results”

“The future of C3”

**CONGRESS OF THE ESCRS XXVII**, Barcelona (Spain) 12-16 September 2009

Presentations/Posters:

“Presbyopic corneal curve of last generation (P-CURVE): concept and results.

“Tensioactive TCCXL: Preliminary laboratory results”

**EGYPTIAN SOCIETY OF CATARACT AND REFRACTIVE SURGERY**, Cairo (Egypt) 25-26 February 2010

Presentations/Posters:

“Lab data on transepithelial technique (electron microscopy in rabbit eyes) and algorithm of the treatment in ILMO”

“P-Curve”

“Artiflex, bilateral implantation in topical anesthesia”

**ARI-MONOGRAFICO 2010 – CIRUGIA MINIMAMENTE INVASIVA DE LA CATARATA**, Alicante (Spain) 12-13 March 2010

**EUROPEAN SOCIETY OF REFRACTIVE SURGEONS (ESCRS)**, Paris (France)

4-8 September 2010

Lecture:

“Tensioactive – mediated Transepithelial. Corneal Cross-Linking. First Laboratory Report”

**AMERICAN ACADEMY OF OPHTHALMOLOGY 2010 (AAO)**, Chicago (USA) 16-19 October 2010

Course instructor:

“Different Approaches to Presbyopia Surgery: New Strategies and Early Results”

Co-instructors: A. Agarwal (India), R.E. Krueger (USA), R. Lindstrom (USA), M. McDonald (USA), G. E. Tamayo (Colombia).

**ANNUAL INTERNATIONAL CONGRESS OF THE ITALIAN SOCIETY OF OPHTHALMOLOGY (SOI)** Milan, (Italy) 24– 27 November 2010.

Lecture:

“Cross-Linking: classical technique”

**ESASO 1st module - CORNEA AND CORNEAL REFRACTIVE SURGERY**, Lugano (Switzerland), 7-12 February 2011

Lectures:

“LASIK”

“Refractive Surgery - Past and Present”

“Lasik complications and Femtosecond laser”

Dr Pinelli also performed two wet-lab sessions

**ARI ALICANTE REFRACTIVA INTERNATIONAL**, Alicante (Spain)

11-12 March 2011

Lecture:

“Presby Lasik: Customised Profile”

**ASCRS/ASOA ANNUAL CONGRESS 2011**, San Diego, California (USA), 25-30 March 2011

Lectures:

“Presbyopic corneal curve of last generation (P-CURVE): concepts and long-term results”

“Tensioactive-mediated Transepithelial Corneal Cross-Linking: First Laboratory Report”

**PRESBYMANIA**, Geneva (Switzerland), 2-3 June 2011

Lecture:

“P-Curve a New Algorithm for the Presbylasik Technique”

**SOE AAO**, Geneva (Switzerland), 4-7 June 2011

Lectures:

“P-Curve: a New Algorithm for the Presbylasik Technique”

“Non-surgical suggestions for running a Refractive Eye Surgery Center”

**XXIX CONGRESS OF ESCRS**, Vienna (Austria), 17-21 September 2011

Lecture:

“P-Curve: a New Algorithm for the Presbylasik Technique”

**91<sup>ST</sup> SOI CONGRESS**, Milan, 23-26 November 2011

Lecture:

“Transepithelial CXL using microwaves”

**ESASO 2<sup>nd</sup> Module - CORNEA AND CORNEAL REFRACTIVE SURGERY**, Lugano (Switzerland), 6-11 February 2012

Lecture:

“Final Frontiers of Corneal Cross Linking”

Dr. Pinelli also performed two wet-lab sessions

**ESASO LIVE SURGERY SYMPOSIUM** - New Trends in Anterior Segment Surgery, Lugano (CH), 5-6 October 2012

Lectures:

“Multifocal Toric IOLs: Personal Experience and Results”

“Transepithelial Cross-Linking: concept, lab and one year results”

Dr Pinelli also took part in the live surgery session by performing a bilateral transepithelial accelerated cross-linking treatment on a keratoconus patient.

**SAoO- Swiss Academy of Ophthalmology-** Satellite Congress. Gentilino (Switzerland), 14 November 2019

**SAoO- Swiss Academy of Ophthalmology-** IV° Congress, Lucerne (Switzerland) 26-28 February 2020

**INTERNATIONAL WEBINAR ORGANISED BY ARUNODAYA DESERET EYE HOSPITAL (ADEH), INDIA**

**Webinar deliberating the delicacies in Ophthalmology:** “The Great Gatsby: different sides to a coin”, 4 July 2020.

Presentation: "Transepithelial cross linking and photobiomodulation for AMD"

**INTERNATIONAL WEBINAR ORGANISED BY ARUNODAYA DESERET EYE HOSPITAL (ADEH), INDIA**

**Webinar to celebrate the World Sight Day (WSD)- Hope for Sight,** 8 October 2020.

Presentation: “The power of light, PBM can treat dry AMD, video and presentation”

**THE JOINT NAALT/WALT PHOTOBIMODULATION VIRTUAL SUMMIT. PBM 2021,** 1-3 October 2021.

PBM in Ophthalmology: Presentation “PBM for dry AMD: a new protocol proposal based on 500 cases performed”

**SYMPOSIUM “L’ARTE DI INVENTARSI (THE ART OF INVENTING ONESELF) organized by Professor Giorgio Nardone.** Arezzo (Italy), 13 November 2021.

Invited speaker "The Alchemy of Change. Understanding and appreciating the importance of intuition, courage and perseverance."

**INTERNATIONAL WEBINAR ORGANISED BY EUROPEAN MEDICAL LASER ASSOCIATION E.M.L.A , NEW YORK (USA)**

**Conference with special interest in Photobiomodulation,** 10-15 March 2022.

Presentation: “Photobiomodulation Treatment for Age Related Macular Degeneration: An Update from LumiThera’s Lighsite I, II and Electrolight”.

Invited speaker in **Master in Integrated Medicine- II Level** at Unimarconi- The first Italian digital University, at the invitation of Professor Massimo Fiorenelli.

Theme: *"The light. From eyes to regenerative medicine"*

A.A 2021/ 2022

**CHIROSUISSE** Continuing Education (CE) Convention- Movement, Posture, Sports, Rehabilitation and Exercise.

Presentation: *" Photobiomodulation in retina and relationship with postural assessment. "*

September 1-2, 2022

***PHOBIOMODULATION (PBM) WORKSHOP***

Presentation "PBM for dry AMD- 500 cases analysed, 20 cases clinical report at 6 months and 1 year"

University of Calabar, Calabar

July 31, 2023- August 03, 2023.

Lugano, August 2023

