

PERSONAL INFORMATION

Domenico Schiano Lomoriello



✉ do.schiano@gmail.com
domenico.schiano@fondazionebietti.it
domenico.schianolomoriello@unicamillus.org

🌐 www.fondazionebietti.it

Sex Male | Date of birth 29/06/1973 | Nationality Italian

JOB APPLIED FOR

WORK EXPERIENCE

From June 2017 –

Head of the Research Unit "Anterior Segment"
 IRCCS-Bietti Foundation
 Via Livenza, 3 00198 Rome

Activity or sector: Clinical Research activity on all the anterior segment area, including cataract surgery, cornea surgery, biometry and corneal collagen cross linking. Clinical trial on new devices and development of new drugs. Lab research regarding corneal infection, metagenomics and corneal inflammation.

From June 2017-

Head of the Clinical Activity of corneal pathologies, cataract surgery and corneal transplants of the Hospital Care Unit of the IRCCS G.B. Foundation Bietti
 San Giovanni Addolorata Hospital, Britannico, Hospital
 Via Santo Stefano Rotondo, 6 00184 Rome

Activity or sector: Clinical activity within the UOC of hospitalization and care of the Britannico Hospital within the San Giovanni Addolorata Hospital. In particular, clinical activity in the clinic of corneal pathologies and cataract and corneal transplant surgery.

From January 2014 -

Senior Consultant at the outpatient clinic for corneal pathologies, cataract surgery and corneal transplants at the IRCCS Foundation G.B. Bietti

Activity or sector: Clinical activity within the UOC of hospitalization and care of the Britannico Hospital in the San Giovanni Addolorata Hospital. In particular, clinical activity in the clinic of corneal pathologies and cataract and corneal transplant surgery. Also researcher on the anterior segment.

From 2008 to 2014

Senior Consultant at the maculopathy service of IRCCS Bietti eye Foundation of the Britannico in the San Giovanni Addolorata Hospital.

Activity or sector: Medical and Parasurgical Treatment of maculopathies, intravitreal injection of anti Vegf drugs, photodynamic therapy, transpupillary thermotherapy, fluorescein angiography, indocyanine green angiography, OCT.
 Development of an anterior surgery section and of a corneal transplant service.

From 2004 to 2008

Consultant at San Pietro-Fatebenefratelli Hospital
 Via Cassia 600, Rome

Activity or sector: following the agreement stipulated between the Bietti Foundation IRCCS and the S.Pietro-Fatebenefratelli Hospital, it carries out clinical and surgical research activities, through reconfirmed annual contracts, focusing mainly on the anterior segment (cataract surgery) and introducing the intravitreal therapy service for maculopathies.

From 2002 to 2004 Fellowship at IRCCS Fondazione Bietti

Activity or sector: carrying out clinical and surgical fellowship in the field of vitreoretinal pathologies under the direction of Prof. Mario Stirpe, president of the Foundation. In particular, during these years he supports Prof. Stirpe dealing with retinal pathologies both of surgical interest (retinal detachments, macular puckers, diabetic vitreoretinopathy) and works at the "Retina Medica" department dealing with retinal fluorangiography and green angiography. indocyanine and practicing therapeutic techniques that have seen development in recent years (Photodynamic Therapy with Verteporfine, Transpupillary Thermotherapy, intravitreal injections of Triamcinolone).

From Genuary 2002- Private practice: Casa di Cura S.Domenico, Piazza Sassari, 5, 00161 Roma

EDUCATION AND TRAINING

- November 2001 **Residency in Ophthalmology**
 II Scool of Ophthalmology
 " La Sapienza", University, Rome
 70/70 cum laude
- July 1997 **Degree in Medicine and Surgery**
 " La Sapienza", University, Rome
 ▪ 110/110 cum laude
- July 1991 **High scool**
 Liceo Scientifico Statale " Talete", Rome
 ▪ 48/60

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					
Spanish	B1	A2	B1	A1	-
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

- Communication skills**
- I have excellent communication skills acquired during my working experience in different contexts (national and international meetings, television interviews and during the course of humanitarian activities).
 - Considerable empathic and psychological management skills of the patient
 - Several times guest of the popular TV show "GEO" of RAI 3 (National TV Network) speech about myopia, refractive surgery, computer vision syndrome, presbiopia and sun-glasses.
- Organisational / managerial skills**
- Leadership (currently responsible for a team of 6 people)
 - Ability to manage a team and team work, refined in the periods of humanitarian mission under the coordination of the command of the Italian Air Force.
- Job-related skills**
- Excellent surgical capacity as first operator on the anterior segment, the cornea, cataract surgery and external.
 - He performed more than 3000 cataract surgeries with phacoemulsification and femto-assisted technique, with monofocal and / or premium IOL implantation as first operator.
 - Has performed more than 800 corneal transplants with piercing and lamellar technique as first operator (PK, ALK, DALK, DSAEK and DMEK)
 - He is currently the first operator of refractive surgery with Prk, Lasek, FemtoLasik techniques
 - Management of keratoconus patients by performing corneal cross-linking techniques (epi-off, epi-on, iontophoresis, accelerated pulsed) as first operator
 - **Management of maculopathy, skilled between 2008 and 2014** as Senior Consultant at the maculopathy service of IRCCS Bietti eye Foundation of the Britannico.
 - Management of vitreoretinal patients, skilled during the Fellowship with Professor Stirpe.
- Computer skills**
- good command of Microsoft Office™ tools
- Other skills**
- media communication activity management (coordination of site activity, linkedin and IRCCS Bietti Foundation newsletter)
- Driving licence**
- A, B, sailing and motor boat license over 12 miles

ADDITIONAL INFORMATION

University Courses:

Academic Years 2009-2010 Advanced course of corneal surgery at Università Cattolica del Sacro Cuore, Roma

Organization of courses and meetings:

Organizer: La microscopia confocale corneale, update clinico e chirurgico":10 Febbraio 2012 , sede IRCCS Fondazione Bietti, Via livenza 3, Roma (8,5 crediti ecm)

Organizer: Patologie oculari, dalla diagnosi al trattamento- corso teorico pratico. venerdì 14 Febbraio 2016 (suture corneali) 7 marzo 2017 (chirurgia della cataratta) , sede IRCCS Fondazione Bietti, Ospedale Britannico, Via di Santo tefano Rotondo 6 Rm (16 crediti ecm)

Organizer :Corso teorico-pratico avanzato di chirurgia della cataratta, 18 settembre e 16 ottobre 2018 , sede IRCCS Fondazione Bietti, Ospedale Britannico, Via di Santo tefano Rotondo 6 Rm (7,9 crediti ecm)

Organizer :Corso teorico-pratico base di chirurgia della cataratta, 11 giugno e 8 ottobre 2019 , sede IRCCS Fondazione Bietti, Ospedale Britannico, Via di Santo tefano Rotondo 6 Rm (7,9 crediti ecm)

Organizer :Nuove frontiere nella chirurgia della cataratta, dalla Flacs alle AT_IOLs, 6 marzo 2019, sede IRCCS Fondazione Bietti, Ospedale Britannico, Via di Santo tefano Rotondo 6 Rm

Organizer : Gestione pre, pero e post operatoria del paziente con cataratta o candidato alla refrattiva. Responsabile scientifico e tutor 19 Gennaio, 23 marzo 2022 Roma NH Giustiniano (7,8 crediti ecm) .

Organizer Corso teorico-pratico avanzato di chirurgia della cataratta, 28 ottobre 2022 , sede IRCCS Fondazione Bietti, via Livenza 3, Rm.

Organizer :Corso teorico-pratico avanzato di chirurgia della cataratta, 28 ottobre 2023, sede IRCCS Fondazione Bietti, via Livenza 3, Rm.

Organizer :Corso teorico-pratico avanzato di chirurgia della cataratta, 28 ottobre 2024 , sede IRCCS Fondazione Bietti, via Livenza 3, Rm.

Organizer :Corso "le infezioni corneali" nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.

Coordinator: Microbioma ed occhio al 15° Congresso nazionale Associazione Italiana Medici Oculisti (AIMO) organizzato con la collaborazione della Società Italiana di Scienze Oftalmologiche (SISO). Roma , palazzo dei congressi, 16 Novembre 2024

Theaching Activity

- 1) Lecturer at the master's degree in refractive surgery and corneal transplants, Catholic University of the Sacred Heart, Rome, a.y. 2021-22, academic year 2022-23
- 2) Co-supervisor of degree thesis at the degree course in Medicine and Surgery of the UniCamillus International Medical University of Rome.
- 3) Faculty of Medicine and Surgery, degree course in Physiotherapy, subject: Interdisciplinary clinical sciences 1. Eye disease module. Responsible teacher-course coordinator. Qualification Teaching activity (art. 23 L. 240/10) Name and address of UniCamillus institution - Saint Camillus International University of Health Sciences - via di S.Alessandro 8 - ROME

Speaker in the following National and International meetings

- 1) Moderatore dalla sala operatoria durante la sessione di chirurgia in diretta del XV congresso AIMO (associazione italiana medici oculisti) organizzato con la collaborazione della Società Italiana di Scienze Oftalmologiche (SISO) IRCCS Fondazione Bietti, Roma 15 Novembre 2024
- 2) Microbioma ed ulcere corneali. Corso " Microbioma ed occhio" al 15° Congresso nazionale Associazione Italiana Medici Oculisti (AIMO) organizzato con la collaborazione della Società Italiana di Scienze Oftalmologiche (SISO). Roma , palazzo dei congressi, 16 Novembre 2024
- 3) Wet lab teacher, al DALK wet lab al XXII Congresso S.I.C.S.S.O. (The International Society of Cornea Stem Cells and Ocular Surface) 27th–29th of June 2024 in Grosseto
- 4) Moderatore dalla sala operatoria durante la sessione "case report and live surgery" al XXII Congresso S.I.C.S.S.O. (The International Society of Cornea Stem Cells and Ocular Surface) 27th–29th of June 2024 in Grosseto
- 5) La terapia dell' occhio secco, un nuovo approccio mediante l'utilizzo degli omega3: Corso: Aggiornamenti di diagnostica e terapia del segmento anteriore. Organizzato da Emilia Cantera. Roma 12 aprile 2024 , spazio Field.
- 6) "Corneal Pain, mito o realta'?" Corso SOR, controversie in oftalmologia , nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.
- 7) Il siero autologo per il trattamento delle malattie della superficie oculare. Corso "Colliri da emocomponenti in oftalmologia" nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.
- 8) Chirurgia dell'endotelio corneale: dsaek o dmek? Corso "Fondazione G.B.Bietti Dilemmi in Oftalmologia" nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.
- 9) Diagnostica utile : tomografia – oct sa confocale come criteri decisionali. Corso "Leucomi corneali, ABC e gestione terapeutica". nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.
- 10) Cheratiti micotiche: Corso "le infezioni corneali" nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.
- 11) Corneal Collagen Cross linking nelle infezioni corneali: Corso "le infezioni corneali" nell' ambito del 3° congresso annuale Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 18-20 aprile 2024.
- 12) Moderatore della sessione Superficie Oculare e Chirurgia Corneale al 4° congresso SOR (Societa' Oftalmologica Romana e del Lazio) , Roma 27-28 Settembre 2024
- 13) Tecnologia Facov BI: Corso (fuori programma ECM) Tecnologia Facov a Confronto al 4° congresso SOR (Societa' Oftalmologica Romana e del Lazio) , Roma 27-28 Settembre 2024

- 14) Infezione dopo cross-linking corneale. Congresso "Case reports 2024, la gestione dei casi complessi", centro congressuale della Fondazione Irccs Santa Lucia ; Roma, sabato 13 aprile 2024, organizzatore dr. Tommaso Rossi
- 15) Moderatore della sessione: tecniche di chirurgia dei trapianti di cornea. Incontro annuale Societa' Italiana Laser in Oftalmologia (SILO) 18-20 Gennaio 2024, Cortina d'Ampezzo (BL).
- 16) Mystery case: corneal effect of Isotretinoin. XXVIII Congresso Nazionale S.I.TRA.C. (societa' italiana trapianti di cornea) Roma 15-17 Febbraio 2024 Universita' Cattolica del Sacro Cuore, policlinico Agostino Gemelli.
- 17) IOL calculation in grafted eyes: XXVIII Congresso Nazionale S.I.TRA.C. (societa' italiana trapianti di cornea) Roma 15-17 Febbraio 2024 Universita' Cattolica del Sacro Cuore, policlinico Agostino Gemelli.
- 18) PK femtoassistita Vs Tradizionale - Cristina Monterosso Vs Domenico Schiano Lomoriello. Controversie nel corso della sessione trapianto di cornea dell' incontro annuale Societa' Italiana Laser in Oftalmologia (SILO) 26-28 Gennaio 2023, Cortina d'Ampezzo (BL).
- 19) Il ricoprimento congiuntivale quando e perché utilizzarlo - Corso Oftalmoplastica facile: come, perché e quando si fa. Segreteria scientifica: dott.ssa A.Modugno – Dott.ssa G. Mazzone – Dott.ssa Del grande. Roma 23 Ottobre 2024 , spazio Co.De. Via dei SS. Quattro 90, 00184, Roma
- 20) La topografia corneale: metodi per il corretto uso nella gestione del cheratocono. Secondo congresso nazionale SISO (societa' italiana scienze oftalmologiche). Roma Venerdì' 19 maggio 2023.
- 21) Siso corso IRCCS
- 22) Gli agenti infettivi della cornea e della superficie oculare: 2° incontro inter-universitario romano sulle infezioni oculari. Universita' Cattolica del sacro Cuore Roma 5 Luglio 2023. Direttore del corso Prof. Stanislao Rizzo.
- 23) Imaging corneale nel paziente diabetico: importanza dello studio del plesso nervoso sub-basale Convegno "occhio al diabete" venerdì 13 ottobre 2023- sala convegni hotel "edra" Cassino (FR) presidente: prof. Francesco Boscia , responsabile scientifico dr. Luigi Pinchera
- 24) L'endotelio corneale nel glaucoma : impatto della terapia medica, laser e chirurgica: Seminario di Oftalmologia , Ospedale San Pietro Fatebenefratelli, via Cassia 600, Roma 13 Novembre 2023. Organizzatore dr. Giorgio Ghirelli
- 25) Microbioma ed occhio: Panelist nella tavola rotonda al 14° Congresso nazionale Associazione Italiana Medici Oculisti (AIMO) organizzato con la collaborazione della Società Italiana di Scienze Oftalmologiche (SISO), Roma, Palazzo dei Congressi dal 16 al 18 novembre 2023
- 26) Moderatore della sessione chirurgica: IOL edof refrattiva torica ; congresso Rieteye-chirurgia premium della cataratta – Magliano Sabina (RI) ,in diretta dalle sale operatorie della "Casa della Salute" di Magliano Sabina. 11 OTTOBRE 2024, Hotel "La Pergola". Strada Flaminia Km 63,9. 02046 Località Frangellini, Magliano Sabina (RI).
- 27) I processi diagnostici nelle patologie del segmento anteriore - Corso: "Il miglioramento dei processi diagnostici per la sicurezza delle cure in oftalmologia" Responsabile Scientifico: Dr.ssa Angela Maria Mastromatteo Roma, 17/09/2024 Roma, 24/10/2024. AULA CORSI piano -1, IRCCS Fondazione G.B. Bietti, Presidio Ospedaliero Britannico Via S. Stefano Rotondo, 6 – Roma
- 28) Nuove tecniche di imaging; quali e quando indispensabili: III congresso SOR , Roma 21 Aprile 2023
- 29) Moderatore della sessione di chirurgia in diretta XXI congresso internazionale SICSSO, Catania 29 Giugno 2 Luglio 2023
- 30) Infiltrato corneale, infezione o infiammazione? : Congresso Case report 2023-la gestione dei casi complessi , Roma 6 Maggio 2023
- 31) IOL calculation in eyes with PK and DALK: XXVII congresso nazionale SITRAC Bologna, 16-18 Febbraio 2023
- 32) Pk femtoassistita vs Pk tradizionale (confronto : Schiano Lomoriello D. vs Monterosso C.) : XXXVIII congresso nazionale SILO, Cortina D' Ampezzo 26-28 GENNAIO 2023
- 33) Cheratiti microbiche: terapia chirurgica degli esiti : XX congresso internazionale SICSSO, Firenze, 30 giugno-2 luglio 2022
- 34) TS-Polysaccharide: properties and association : Symposium at XXXVI Mexican de Oftalmologia, Merida Mexico, 4-8 giugno 2022.
- 35) Treatment of Dry eye disease : evento scientifico : UPDATE TE FUNDIT TE OKULISTIKE; Tirana ; Albania 27-maggio 2022.
- 36) Confronto Dsaek-Dmek alla microscopia confocale: XXXVII congresso nazionale S.I.L.O. Cortina d'Ampezzo 27-29 gennaio 2022.
- 37) Dalk: algoritmo chirurgico: XIX congresso internazionale SICSSO, Bari, 14-16 ottobre 2021.
- 38) A comparative confocal micorscopy study: Dsaek vs Dmek: XIX congresso internazionale SICSSO, Bari, 14-16 ottobre 2021.
- 39) Innovazione nella profilassi prechirurgica: Congresso Retinapoli 14-15 ottobre 2021.
- 40) Innovazione nella profilassi prechirurgica. Congresso Retina 2.0. Roma 17-18 settembre 2021.
- 41) Corneal infection, a therapeutic algorithm. Congresso interazionale: Rclso (Romanian Society of contact lenses and ocular surfaces), Sibiu Romania, 20 novembre 2020.
- 42) Mancanza di supporto capsulare, cosa evitare di fare. Congresso nazionale AIMO (11esimo congresso) , Roma 16-17 ottobre 2020.
- 43) Scelta del diametro case to case. Corso "La Dalk" al XXIV congresso nazionale SITRAC (Società Italiana Trapianto di Cornea), Napoli 20-22 febbraio 2020.
- 44) Il management delle complicanze intraoperatorie. Corso "La Dalk" Video Chirurgico al XXIV congresso nazionale SITRAC (Società Italiana Trapianto di Cornea), Napoli 20-22 febbraio 2020.
- 45) Dalk, la formazione della bolla. Corso "Procedure di base " Video Chirurgico al XXIV congresso nazionale SITRAC

- (Società Italiana Trapianto di Cornea), Napoli 20-22 febbraio 2020.
- 46) Luci ed ombre in superficie. Congresso SILO (Società Italiana Laser in Oftalmologia), Cortina d' Ampezzo 13-15 Febbraio 2020.
 - 47) Customized toric IOL for correction of high astigmatism post deep anterior lamellar keratoplasty. XXII congresso Aiccer (Associazione Italiana Chirurgia della Cataratta e Refrattiva), Milano 14-16 marzo 2019.
 - 48) Oct nelle patologie corneali. Corso: novità sul segmento anteriore e glaucoma (org. Tomey) sede IRCCS Fondazione Bietti, Ospedale Britannico, Via di Santo Stefano Rotondo 6 Roma, 16 maggio 2019.
 - 49) Update on corneal surgery techniques and prevention of complications. International Conference: increasing of causes of eye pathology among children and old people. Baku (Azerbaijan) 9 Aprile 2019.
 - 50) Dalk, casi particolari. Corso "Le Dalk" Congresso SICSSO (International Society of Cornea Cell Stem and Ocular Surface) Torino 27-29 giugno 2019.
 - 51) Iontophoresis Epi On: efficacy at 24 months follow up. Congresso Meaco (Middle East of Africa congress of Ophthalmology) Dead Sea (Giordania) , 4-6 settembre 2019.
 - 52) Management of complication in keratoplasty. Congresso internazionale: Rclso (Romanian Society of contact lenses and ocular surfaces), Sibiu Romania, novembre 2019.
 - 53) Luci ed ombre in superficie. X Congresso Aimo Roma 3-4 ottobre 2019.
 - 54) Come varia l'approccio diagnostico nelle varie infezioni. Corso "Le cheratiti microbiche" Congresso SICSSO (International Society of Cornea Cell Stem and Ocular Surface) Torino 27-29 giugno 2019.
 - 55) Alteration of ocular surface following ocular surgery. Congresso internazionale SOI (Società Oftalmologica Italiana) Roma 24 maggio 2019.
 - 56) Repeatability of anterior segment measurements by optical coherence tomography combined with Placido disk corneal topography in eyes with keratoconus. Congresso ARVO (Association Research Vision Ophthalmology) Vancouver (Canada), 28 aprile-2 maggio 2019.
 - 57) PK, casi complicati. Video Chirurgico al XXIII congresso nazionale SITRAC (Società Italiana Trapianto di Cornea), Mestre 16 febbraio 2019.
 - 58) Update on corneal surgery, from epithelium to endothelium. Congress: Rclso (Romanian Society of contact lenses and ocular surfaces), Sibiu Romania, 1-2 novembre 2018.
 - 59) AS OCT combinato con disco di placido: ulcere corneali e chirurgia del segmento anteriore. IX Congresso Aimo Roma 18-19 ottobre 2018
 - 60) Customized toric IOL for correction of high astigmatism post deep anterior lamellar keratoplasty. Congresso ESCRS (European Society of Cataract and Refractive Surgeons), Vienna 22-26 settembre 2018.
 - 61) Alteration of ocular surface in ocular surgery follow up. National Congress of Lituian Society of Ophthalmology, Vilnius (Lituania), 15 settembre 2018.
 - 62) I nemici dell' occhio nell' era digitale, luce blu e computers. Corso: luci ed ombre, nuovi rischi in oftalmologia. Università degli Studi della Campania Luigi Vanvitelli, Napoli, 11 maggio 2018.
 - 63) Alteration of ocular surface in ocular surgery follow up. Meeting "Innovative solutions in ophthalmology" Baveno 10 Maggio 2018.
 - 64) Perché scegliere una IOL multifocale. XXI congresso Aiccer (Associazione Italiana Chirurgia della Cataratta e Refrattiva), Bari 22-24 marzo 2018
 - 65) Dalk: bolla piccola, cosa fare. Video Chirurgico al XXII congresso nazionale SITRAC (Società Italiana Trapianto di Cornea), Firenze 16 febbraio 2018.
 - 66) Corneal Backscatter before and after descemet membrane endothelial keratoplasty (DMEK). Congresso ARVO (Association Research Vision Ophthalmology) Baltimora (USA) 6-11 maggio 2017.
 - 67) Effect of Femtosecond Laser assisted clear corneal incision for cataract removal on corneal topography and high order wavefront aberration. Congresso ESCRS (European Society of Cataract and Refractive Surgeons), Copenaghen 10-14 settembre 2016.
 - 68) Pilot study investigating the effect of femtolaser assisted clear corneal incision for cataract removal on corneal topography and high-order wavefront aberration. Congresso ARVO (Association Research Vision Ophthalmology) Seattle (USA) 1-5 maggio 2016.
 - 69) Microscopia endoteliale. XIX congresso nazionale SITRAC (Società Italiana Trapianto di Cornea), Roma 19-21 febbraio 2015.
 - 70) La presbiopia. Congresso Federanziani, 14 dicembre 2014, Rimini.
 - 71) Il cross-linking mediante iontoforesi. Meeting: Cross linking corneale: up to date, Università Cattolica del Sacro Cuore 20 settembre 2014, Roma.
 - 72) La microscopia confocale nella cornea normale. Corso: La microscopia confocale corneale, update clinico e chirurgico": sede IRCCS Fondazione Bietti, Via Iivenza 3, Roma 10 Febbraio 2012.
 - 73) La chirurgia corneale lamellare. Corso: La microscopia confocale corneale, update clinico e chirurgico": , sede IRCCS Fondazione Bietti, Via Iivenza 3, Roma 10 Febbraio 2012.
 - 74) La microscopia confocale corneale. XVI congresso nazionale SITRAC (Società Italiana Trapianto di Cornea), Roma 23-25 febbraio 2012.
 - 75) Predescemet and Descemet Dalk, a clinical and confocal microscopy study. Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA), 6-10 maggio 2012.

- 76) Predescemetica and Descemetica Dalk, a clinical and confocal microscopy study. Congresso SICSSO (International Society of Cornea Cell Stem and Ocular Surface) Grosseto 7-9 luglio 2011.
- 77) Six months refractive outcome of the AcrySof Chachet phakic angle supported intraocular lens. Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA), 1-5 maggio 2011.
- 78) Reproducibility of Ocular Biometry Using Non contact Optical Low-Coherence Reflectometer. Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA) 2-6 maggio 2010.
- 79) Macular thickness evaluation in retinitis pigmentosa : retinal thickness analyzer study (rta). Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA), 29 aprile- 4 maggio 2001.
- 80) Macular edema evaluation with heidelberg confocal ophthalmoscopy (slo). arvo meeting 2001. vis. ophthalmol. vis. scie. 42 (4) (suppl.) : (3732) Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA), 29 aprile- 4 maggio 2001.
- 81) Anti-apoptotic activity of steroids on macular function in retinitis pigmentosa (rp) patients. Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA) 30 aprile- 5 maggio 2000.
- 82) Optic disc or parapapillary nerve fiber layer drusen in retinitis pigmentosa (r.p.). Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA) 30 aprile- 5 maggio 2000.
- 83) Late clinical findings in patients with organ's transplantation. Congresso ARVO (Association Research Vision Ophthalmology) Fort Lauderdale (USA) 9-14 maggio 1999.
- 84) Steroids activity on macular function as expression of anti-apoptotic effect in retinitis pigmentosa. 3° international eu meeting on new therapeutic approaches in hereditary eye disease "from genes to cure". Tubingen (Ger) 8-11 october 1999.

Humanitarian (Cooperation) activities

In August 2014 he promoted and participated in a surgical humanitarian mission at the hospital of the fathers of the consulate of Wamba (Kenya).

In August 2006, he participated in the "One Life" mission by carrying out operating and outpatient activities at the mission of KUTA-Lombok-Indonesia.

In October 2005 and June 2006, 2007, 2008 and 2009 and in December 2010 and 2011 he participated in the humanitarian missions as part of the "Ridare la luce" project promoted by AFMAL (Association of Fatebenefratelli for the Far Away) and Italian Air Force, performing surgical activities at the Fatebenefratelli hospitals of Afagnan (TOGO) and Asafo (GHANA) and Jesuits Hospital "Le Bon Samaritain" of Djamena (CIAD).

Certifications GCP

Certified by Emmes Corporation for "Refraction, Visual Acuity and Contrast sensitivity Measurement" in the context of two different ALLERGAN-POSURDEX clinical studies.

- Certified by Emmes Corporation for "Refraction, Visual Acuity and Contrast sensitivity Measurement" under the MONT BLANC study protocol.
- NIDA Clinical trials network "Good clinical practice certification" 6/3/2018, exp 6/3/2021.

Clinical Trials

Detail of the clinical studies performed following the Good Clinical Practice (ICH / GCP)

- CLINICAL INVESTIGATOR in two POSURDEX clinical trial sponsored by ALLERGAN.
- CLINICAL INVESTIGATOR in MONT BLANC clinical trial .
- OPTICAL COHERENCE TOMOGRAPHY INVESTIGATOR in the LUVI clinical trial .
- TREATING INVESTIGATOR in BAYER-VIEW clinical trial .
- FOLLOW UP INVESTIGATOR INVESTIGATOR in MIZAR clinical trial .
- CLINICAL INVESTIGATOR in the Clinical Study: "Studio della risposta biomeccanica del tessuto corneale umano al trattamento di cross-linking transepiteliale con iontoforesi". Irccs-Fondazione Bietti 2013.
- TREATING INVESTIGATOR in the Clinical Study: "Optimization of Femtosecond Laser corneal incision for cataract surgery". Irccs-Fondazione Bietti 2012.
- TREATING INVESTIGATOR in the Clinical Study: " Studio prospettico delle caratteristiche del lembo corneale nella chirurgia assistita da laser a Femtosecondi. Irccs-Fondazione Bietti 2011-17.
- CLINICAL INVESTIGATOR in the Clinical Study: " Studio prospettico osservazionale delle caratteristiche della cornea in pazienti affetti da degenerazioni corneali ereditarie o acquisite". Irccs-Fondazione Bietti 2011-17.
- PRINCIPAL INVESTIGATOR in the Clinical Study: "Valutazione dell'endotelio corneale in seguito ad intervento di cataratta utilizzando sostanze viscoelastiche con differenti proprietà" . Irccs-Fondazione Bietti 2011-17.
- PRINCIPAL INVESTIGATOR in the Clinical Multicenter study to investigate visual performance of hydrophobic monofocal IOL: MicroPure 1.2.3. ". Irccs-Fondazione Bietti 2017
- PRINCIPAL INVESTIGATOR in the International Multicenter Study Leader 7: an international , multicenter blinded-assessor , parallel group clinical study , comparing eye drops of combined LEVOFloxacin + Dexamethasone for 7 days followed by dexamethasone alone for additional 7 days, vs tobramycin + dexamethasone for 14 days for the prevention of inflammation and prevention of infection associated with cataract surgery in adults- Leader 7.
- PRINCIPAL INVESTIGATOR in the ELOOM clinical trial
- PRINCIPAL INVESTIGATOR in the Clinical Study Protocol No: CHL.3/01-2019/M "A prospective, observer-masked, randomized clinical trial to investigate and compare the clinical efficacy of chlorprocaine 3% gel and tetracaine 0.5% eye drop as topical anesthetics in phacoemulsification. EudraCT Number: 2019-001660-30

Memberships

He is member of the following society:

ARVO (Association Research Vision Ophthalmology)
ESCRS (European Society of Cataract and Refractive Surgeons)
SOI (Società Oftalmologica Italiana)
SITRAC (Società Italiana Trapianto di Cornea)
SICSSO (International Society of Cornea Cell Stem and Ocular Surface)
AICCER (Associazione Italiana Chirurgia della Cataratta e Refrattiva)
SILO (Società Italiana Laser in Oftalmologia)

Scientific Committees

Member of the Scientific Committees of IRCCS Bietti Foundations since 2017
Member of the Scientific Committees of OneSight Foundation since 2023
Board committee of SICSSO (International Society of Cornea Cell Stem and Ocular Surface) since 2023

Scientific Papers

Publication List

Number of Papers with IF: 80

H Index : 15

Total number:

n. peer reviewed papers: 83 (dei quali su riviste internazionali indicizzate con I.F. 80)
n. books chapters : 2

Publications:

1: Lombardo M, Camellin U, Gioia R, Serrao S, Scorcìa V, Roszkowska AM, Lombardo G, Bertelli M, Medori MC, Alunni Fegatelli D, Vestri A, Mencucci R, Schiano Lomoriello D. Targeted next-generation sequencing analysis in Italian patients with keratoconus. *Eye (Lond)*. 2024 Apr 29. doi: 10.1038/s41433-024-03090-5. Epub ahead of print. PMID: 38684849.

2: Schiano-Lomoriello D, Abicca I, Contento L, Gabrielli F, Alfonsi C, Di Pietro F, Papa FT, Ballesteros-Sánchez A, Sánchez-González JM, Rocha-De-Lossada C, Mazzotta C, Giannaccare G, Bonzano C, Borroni D. Infectious Keratitis: Characterization of Microbial Diversity through Species Richness and Shannon Diversity Index. *Biomolecules*. 2024 Mar 24;14(4):389. doi: 10.3390/biom14040389. PMID: 38672407; PMCID: PMC11048652.

3: de Paula A, Gattazzo I, Savini G, Schiano Lomoriello D, Corsi A. An analysis of the factors involved in IOL decentration after phacoemulsification using CASIA 2 anterior segment optical coherence tomography. *Int Ophthalmol*. 2024 Apr 24;44(1):194. doi: 10.1007/s10792-024-03126-5. PMID: 38656707.

4: Coutinho CP, Schiano-Lomoriello D, Mazzotta C, Ferrise M, Hoffer KJ, Ribeiro FJ, Dias JM, Savini G. Differences Between Simulated Keratometry and Total Corneal Power in Eyes With Keratoconus and a Formula to Improve IOL Power Calculation Results. *J Refract Surg*. 2024 Apr;40(4):e253-e259. doi: 10.3928/1081597X-20240311-06. Epub 2024 Apr 1. PMID: 38593262.

5: Yang Y, Ning R, Xu S, Xiahou J, Li J, Savini G, Schiano-Lomoriello D, Zhou X, Huang J. Evaluation of the Agreement Between a New Pyramid Wavefront Sensor Aberrometer and Scheiner-Smirnov Aberrometers. *J Refract Surg*. 2024 Apr;40(4):e218-e228. doi: 10.3928/1081597X-20240311-02. Epub 2024 Apr 1. PMID: 38593257.

6: Yu J, Lin X, Huang X, Xu Z, Ning R, Li K, Savini G, Schiano-Lomoriello D, Zhou X, Huang J. Evaluation of a new dynamic real-time visualization 25 kHz

swept-source optical coherence tomography based biometer. *Eye Vis (Lond)*. 2024 Mar 4;11(1):9. doi: 10.1186/s40662-024-00377-2. PMID: 38433240; PMCID: PMC10910812.

7: Ning R, Wang Y, Xu Z, Gustafsson I, Li J, Savini G, Schiano-Lomoriello D, Xiao Y, Chen A, Wang X, Zhou X, Huang J. Assessing progression limits in different grades of keratoconus from a novel perspective: precision of measurements of the corneal epithelium. *Eye Vis (Lond)*. 2024 Jan 2;11(1):1. doi: 10.1186/s40662-023-00368-9. PMID: 38163895; PMCID: PMC10759576.

8: Borroni D, Mazzotta C, Rocha-de-Lossada C, Sánchez-González JM, Ballesteros-Sanchez A, García-Lorente M, Zamorano-Martín F, Spinelli A, Schiano-Lomoriello D, Tedesco GR. Dry Eye Para-Inflammation Treatment: Evaluation of a Novel Tear Substitute Containing Hyaluronic Acid and Low-Dose Hydrocortisone. *Biomedicines*. 2023 Dec 11;11(12):3277. doi: 10.3390/biomedicines11123277. PMID: 38137498; PMCID: PMC10740799.

9: Li Y, Zou Z, Xu S, Yu J, Ye Q, Li K, Xiao Y, Savini G, Schiano-Lomoriello D, Zhou X, Yao M, Huang J. Evaluation of a New All-in-One Optical Biometer and Comparison With a Validated Swept-source OCT Biometer. *J Refract Surg*. 2023 Dec;39(12):825-830. doi: 10.3928/1081597X-20231018-02. Epub 2023 Dec 1. PMID: 38063829.

10: Lei CS, Lin X, Ning R, Yu J, Huang X, Li K, Wang Y, Savini G, Schiano-Lomoriello D, Zhou X, Huang J. Repeatability and Interobserver Reproducibility of a Swept-Source Optical Coherence Tomography for Measurements of Anterior, Posterior, and Total Corneal Power. *Ophthalmol Ther*. 2023 Dec;12(6):3263-3279. doi: 10.1007/s40123-023-00815-9. Epub 2023 Oct 3. PMID: 37787889; PMCID: PMC10640522.

11: Huang X, Lin X, Yang Y, Yu J, Wang J, Li K, Wang Y, Savini G, Schiano-Lomoriello D, Zhou X, Huang J. Comparison of a New Scheimpflug Camera and Swept-Source Optical Coherence Tomographer for Measurements of Anterior Segment Parameters. *Ophthalmol Ther*. 2023 Dec;12(6):3187-3198. doi: 10.1007/s40123-023-00813-x. Epub 2023 Sep 25. PMID: 37747639; PMCID: PMC10640599.

12: Roszkowska AM, Tumminello G, Licitra C, Severo AA, Inferrera L, Camellin U, Schiano-Lomoriello D, Aragona P. One-Year Results of Photorefractive Keratectomy for Myopia and Compound Myopic Astigmatism with 210 nm Wavelength All Solid-State Laser for Refractive Surgery. *J Clin Med*. 2023 Jun 27;12(13):4311. doi: 10.3390/jcm12134311. PMID: 37445353; PMCID: PMC10342780.

13: Savini G, Mularoni A, Destro E, Barboni P, Schiano-Lomoriello D. Rotational Stability of a New Progressive Toric Hydrophobic Intraocular Lens With Gradually Decreasing Cylinder Power. *J Refract Surg*. 2023 Jun;39(6):374-380. doi: 10.3928/1081597X-20230424-02. Epub 2023 Jun 1. PMID: 37306199.

14: Ning R, Niu L, Xing W, Wan T, Huang X, Xiahou J, Wang Y, Savini G, Schiano-Lomoriello D, Zhou X, Wang X, Huang J. Precision of Corneal Aberrations Measured by a New SD-OCT/Placido Topographer and Its Agreement With a Scheimpflug/Placido Topographer. *J Refract Surg*. 2023 Jun;39(6):405-412. doi: 10.3928/1081597X-20230426-02. Epub 2023 Jun 1. PMID: 37306197.

15: Yu J, Zhao G, Lei CS, Wan T, Ning R, Xing W, Ma X, Pan H, Savini G, Schiano-Lomoriello D, Zhou X, Huang J. Repeatability and reproducibility of a new fully automatic measurement optical low coherence reflectometry biometer and agreement with swept-source optical coherence tomography-based biometer. *Br J Ophthalmol*. 2024 May 21;108(5):673-678. doi: 10.1136/bjo-2023-323268. PMID: 37142332.

16: Jeon S, Taroni L, Lupardi E, Hoffer KJ, Fontana L, Schiano-Lomoriello D, Kwon H, Savini G. Accuracy of Nine Formulas to Calculate the Powers of an Extended Depth-of-Focus IOL Using Two SS-OCT Biometers. *J Refract Surg*. 2023 Mar;39(3):158-164. doi: 10.3928/1081597X-20221221-03. Epub 2023 Mar 1. PMID: 36892239.

17: Ning R, Huang X, Jin Y, Lei CS, Ma X, Xu S, Xiahou J, Savini G, Schiano-Lomoriello D, Wang X, Zhou X, Huang J. Corneal Higher-Order Aberrations Measurements: Precision of SD-OCT/Placido Topography and Comparison with a Scheimpflug/Placido Topography in Eyes After Small-Incision Lenticule Extraction. *Ophthalmol Ther.* 2023 Jun;12(3):1595-1610. doi: 10.1007/s40123-023-00693-1. Epub 2023 Mar 2. PMID: 36862309; PMCID: PMC10164219.

18: Wang Y, Wan T, Liu L, Xue Y, Chen X, Savini G, Schiano-Lomoriello D, Zhou X, Yu J, Huang J. Agreement between a new optical low coherence reflectometry biometer and an anterior segment optical coherence tomographer. *Eye Vis (Lond).* 2023 Feb 25;10(1):13. doi: 10.1186/s40662-023-00330-9. PMID: 36829259; PMCID: PMC9960448.

19: Savini G, Hoffer KJ, Ribeiro F, Dias JM, Coutinho C, Barboni P, Schiano-Lomoriello D. Reply : Intraocular lens power calculation with ray tracing based on AS-OCT and adjusted axial length after myopic excimer laser surgery. *J Cataract Refract Surg.* 2022 Nov 1;48(11):1349-1350. doi: 10.1097/j.jcrs.0000000000001056. PMID: 36100171.

20: Galzignato A, Lupardi E, Hoffer KJ, Barboni P, Schiano-Lomoriello D, Savini G. Repeatability of new optical biometer and agreement with 2 validated optical biometers, all based on SS-OCT. *J Cataract Refract Surg.* 2023 Jan 1;49(1):5-10. doi: 10.1097/j.jcrs.0000000000001023. PMID: 36026703.

21: Knutsson KA, Savini G, Hoffer KJ, Lupardi E, Bertuzzi F, Taroni L, Schiano-Lomoriello D, Paganoni G, Rama P. IOL Power Calculation in Eyes Undergoing Combined Descemet Membrane Endothelial Keratoplasty and Cataract Surgery. *J Refract Surg.* 2022 Jul;38(7):435-442. doi: 10.3928/1081597X-20220601-02. Epub 2022 Jul 1. PMID: 35858193.

22: Savini G, Hoffer KJ, Carballo L, Taroni L, Schiano-Lomoriello D. Reply : Comparison of different methods to calculate the axial length measured by optical biometry. *J Cataract Refract Surg.* 2022 Aug 1;48(8):978-979. doi: 10.1097/j.jcrs.0000000000000994. PMID: 35786808.

23: Abicca I, Giannini D, Gilardi M, Roszkowska AM, Parravano M, Picconi F, Frontoni S, Schiano-Lomoriello D. A Novel Algorithm for the Evaluation of Corneal Nerve Beadings by *in vivo* Confocal Microscopy in Patients With Type 1 Diabetes Mellitus. *Front Med (Lausanne).* 2022 May 12;9:897259. doi: 10.3389/fmed.2022.897259. PMID: 35646958; PMCID: PMC9133533.

24: Savini G, Lupardi E, Hoffer KJ, Aramberri J, Schiano-Lomoriello D. Corneal diameter measurements by 3 optical biometers and their effect on phakic intraocular lens sizing. *J Cataract Refract Surg.* 2022 Nov 1;48(11):1292-1296. doi: 10.1097/j.jcrs.0000000000000976. PMID: 35616506.

25: Savini G, Hoffer KJ, Ribeiro FJ, Dias JM, Coutinho CP, Barboni P, Schiano-Lomoriello D. Intraocular lens power calculation with ray tracing based on AS-OCT and adjusted axial length after myopic excimer laser surgery. *J Cataract Refract Surg.* 2022 Aug 1;48(8):947-953. doi: 10.1097/j.jcrs.0000000000000902. PMID: 35121684.

26: Lupardi E, Taroni L, Hoffer KJ, Schiano-Lomoriello D, Savini G. Comparison of Corneal Power Calculation by Standard Keratometry and Total Keratometry in Eyes With Previous Myopic FS-LASIK. *J Refract Surg.* 2021 Dec;37(12):848-852. doi: 10.3928/1081597X-20211213-01. Epub 2021 Dec 1. Erratum in: *J Refract Surg.* 2022 Jan;38(1):72. doi: 10.3928/1081597X-20211213-02. PMID: 34914555.

27: Savini G, Hoffer KJ, Carballo L, Taroni L, Schiano-Lomoriello D. Comparison of different methods to calculate the axial length measured by optical biometry. *J Cataract Refract Surg.* 2022 Jun 1;48(6):685-689. doi: 10.1097/j.jcrs.0000000000000821. PMID: 34653096.

28: Abicca I, Gilardi M, Giannini D, Colabelli Gisoldi RAM, Pocobelli A, Schiano-Lomoriello D. Corneal Subbasal Plexus in Eyes with Fuchs' Endothelial Corneal Dystrophy after Two Different Endothelial Surgeries. *J Ophthalmol.* 2021 Oct

4;2021:5098272. doi: 10.1155/2021/5098272. PMID: 34646577; PMCID: PMC8505089.

29: Schiano-Lomoriello D, Abicca I, Bono V, Giannini D, Colabelli-Gisoldi RA, Boni N, Komaiha C, Pocobelli A. To compare corneal confocal microscopy of eyes with Fuchs' endothelial corneal dystrophy after two different endothelial surgeries. *Eur J Ophthalmol*. 2021 Apr 10;11206721211009451. doi: 10.1177/11206721211009451. Epub ahead of print. PMID: 33843319.

30: Schiano-Lomoriello D, Hoffer KJ, Abicca I, Savini G. Repeatability of automated measurements by a new anterior segment optical coherence tomographer and biometer and agreement with standard devices. *Sci Rep*. 2021 Jan 13;11(1):983. doi: 10.1038/s41598-020-79674-4. PMID: 33441703; PMCID: PMC7806838.

31: Savini G, Taroni L, Schiano-Lomoriello D, Hoffer KJ. Repeatability of total Keratometry and standard Keratometry by the IOLMaster 700 and comparison to total corneal astigmatism by Scheimpflug imaging. *Eye (Lond)*. 2021 Jan;35(1):307-315. doi: 10.1038/s41433-020-01245-8. Epub 2020 Nov 2. PMID: 33139878; PMCID: PMC7852681.

32: Taroni L, Hoffer KJ, Barboni P, Schiano-Lomoriello D, Savini G. Outcomes of IOL power calculation using measurements by a rotating Scheimpflug camera combined with partial coherence interferometry. *J Cataract Refract Surg*. 2020 Dec;46(12):1618-1623. doi: 10.1097/j.jcrs.000000000000361. PMID: 32818357.

33: Savini G, Di Maita M, Hoffer KJ, Naeser K, Schiano-Lomoriello D, Vagge A, Di Cello L, Traverso CE. Comparison of 13 formulas for IOL power calculation with measurements from partial coherence interferometry. *Br J Ophthalmol*. 2021 Apr;105(4):484-489. doi: 10.1136/bjophthalmol-2020-316193. Epub 2020 Jun 10. PMID: 32522789.

34: Bandello F, Coassin M, Di Zazzo A, Rizzo S, Biagini I, Pozdeyeva N, Sinitsyn M, Verzin A, De Rosa P, Calabrò F, Avitabile T, Bonfiglio V, Fasce F, Barraquer R, Mateu JL, Kohnen T, Carnovali M, Malyugin B; Group LEADER-7 Investigators. Correction: One week of levofloxacin plus dexamethasone eye drops for cataract surgery: an innovative and rational therapeutic strategy. *Eye (Lond)*. 2020 Nov;34(11):2150. doi: 10.1038/s41433-020-0987-9. Erratum for: *Eye (Lond)*. 2020 Nov;34(11):2112-2122. doi: 10.1038/s41433-020-0869-1. PMID: 32467636; PMCID: PMC7784994.

35: Bandello F, Coassin M, Di Zazzo A, Rizzo S, Biagini I, Pozdeyeva N, Sinitsyn M, Verzin A, De Rosa P, Calabrò F, Avitabile T, Bonfiglio V, Fasce F, Barraquer R, Mateu JL, Kohnen T, Carnovali M, Malyugin B; Group LEADER-7 Investigators. One week of levofloxacin plus dexamethasone eye drops for cataract surgery: an innovative and rational therapeutic strategy. *Eye (Lond)*. 2020 Nov;34(11):2112-2122. doi: 10.1038/s41433-020-0869-1. Epub 2020 May 4. Erratum in: *Eye (Lond)*. 2020 Nov;34(11):2150. doi: 10.1038/s41433-020-0987-9. PMID: 32366996; PMCID: PMC7785009.

36: Savini G, Hoffer KJ, Balducci N, Barboni P, Schiano-Lomoriello D. Comparison of formula accuracy for intraocular lens power calculation based on measurements by a swept-source optical coherence tomography optical biometer. *J Cataract Refract Surg*. 2020 Jan;46(1):27-33. doi: 10.1016/j.jcrs.2019.08.044. PMID: 32050229.

37: Schiano-Lomoriello D, Bono V, Abicca I, Savini G. Repeatability of anterior segment measurements by optical coherence tomography combined with Placido disk corneal topography in eyes with keratoconus. *Sci Rep*. 2020 Jan 24;10(1):1124. doi: 10.1038/s41598-020-57926-7. PMID: 31980662; PMCID: PMC6981210.

38: Savini G, Calossi A, Schiano-Lomoriello D, Barboni P. Precision and Normative Values of a New Computerized Chart for Contrast Sensitivity Testing. *Sci Rep*. 2019 Nov 12;9(1):16537. doi: 10.1038/s41598-019-52987-9. PMID: 31719575; PMCID: PMC6851081.

39: Savini G, Hoffer K, Barboni P, Balducci N, Schiano-Lomoriello D. Validation

- of the SToP formula for calculating intraocular lens power in eyes with previous myopic excimer laser surgery. *J Cataract Refract Surg.* 2019 Nov;45(11):1562-1567. doi: 10.1016/j.jcrs.2019.06.011. Epub 2019 Oct 1. PMID: 31585855.
- 40: Savini G, Alessio G, Perone G, Rossi S, Schiano-Lomoriello D. Rotational stability and refractive outcomes of a single-piece aspheric toric intraocular lens with 4 fenestrated haptics. *J Cataract Refract Surg.* 2019 Sep;45(9):1275-1279. doi: 10.1016/j.jcrs.2019.05.015. PMID: 31470941.
- 41: Schiano Lomoriello D, Abicca I, Parravano M, Giannini D, Russo B, Frontoni S, Picconi F. Early Alterations of Corneal Subbasal Plexus in Uncomplicated Type 1 Diabetes Patients. *J Ophthalmol.* 2019 Jul 2;2019:9818217. doi: 10.1155/2019/9818217. PMID: 31341662; PMCID: PMC6636466.
- 42: Lombardo M, Serrao S, Lombardo G, Schiano-Lomoriello D. Two-year outcomes of a randomized controlled trial of transepithelial corneal crosslinking with iontophoresis for keratoconus. *J Cataract Refract Surg.* 2019 Jul;45(7):992-1000. doi: 10.1016/j.jcrs.2019.01.026. Epub 2019 Apr 16. PMID: 31003798.
- 43: Savini G, Abbate R, Hoffer KJ, Mularoni A, Imburgia A, Avoni L, D'Eliseo D, Schiano-Lomoriello D. Intraocular lens power calculation in eyes with keratoconus. *J Cataract Refract Surg.* 2019 May;45(5):576-581. doi: 10.1016/j.jcrs.2018.11.029. Epub 2019 Feb 21. PMID: 30799180.
- 44: Savini G, Hoffer KJ, Schiano-Lomoriello D. Agreement between lens thickness measurements by ultrasound immersion biometry and optical biometry. *J Cataract Refract Surg.* 2018 Dec;44(12):1463-1468. doi: 10.1016/j.jcrs.2018.07.057. Epub 2018 Sep 29. PMID: 30279088.
- 45: Schiano Lomoriello D, Savini G, Naeser K, Colabelli-Gisoldi RM, Bono V, Pocobelli A. Customized Toric Intraocular Lens Implantation in Eyes with Cataract and Corneal Astigmatism after Deep Anterior Lamellar Keratoplasty: A Prospective Study. *J Ophthalmol.* 2018 Jul 3;2018:1649576. doi: 10.1155/2018/1649576. PMID: 30057802; PMCID: PMC6051070.
- 46: Savini G, Hoffer KJ, Schiano-Lomoriello D, Barboni P. Intraocular lens power calculation using a Placido disk-Scheimpflug tomographer in eyes that had previous myopic corneal excimer laser surgery. *J Cataract Refract Surg.* 2018 Aug;44(8):935-941. doi: 10.1016/j.jcrs.2018.05.018. Epub 2018 Jul 23. PMID: 30049566.
- 47: Savini G, Negishi K, Hoffer KJ, Schiano Lomoriello D. Refractive outcomes of intraocular lens power calculation using different corneal power measurements with a new optical biometer. *J Cataract Refract Surg.* 2018 Jun;44(6):701-708. doi: 10.1016/j.jcrs.2018.03.027. Epub 2018 Jun 1. PMID: 29861053.
- 48: Savini G, Schiano-Lomoriello D, Hoffer KJ. Repeatability of automatic measurements by a new anterior segment optical coherence tomographer combined with Placido topography and agreement with 2 Scheimpflug cameras. *J Cataract Refract Surg.* 2018 Apr;44(4):471-478. doi: 10.1016/j.jcrs.2018.02.015. Epub 2018 Apr 25. PMID: 29705008.
- 49: Savini G, Schiano-Lomoriello D, Balducci N, Barboni P. Visual Performance of a New Extended Depth-of-Focus Intraocular Lens Compared to a Distance-Dominant Diffractive Multifocal Intraocular Lens. *J Refract Surg.* 2018 Apr 1;34(4):228-235. doi: 10.3928/1081597X-20180125-01. PMID: 29634837.
- 50: Savini G, Naeser K, Schiano-Lomoriello D, Ducoli P. Optimized keratometry and total corneal astigmatism for toric intraocular lens calculation. *J Cataract Refract Surg.* 2017 Sep;43(9):1140-1148. doi: 10.1016/j.jcrs.2017.06.040. PMID: 28991609.
- 51: Savini G, Hoffer KJ, Barboni P, Schiano Lomoriello D, Ducoli P. Corneal Asphericity and IOL Power Calculation in Eyes With Aspherical IOLs. *J Refract Surg.* 2017 Jul 1;33(7):476-481. doi: 10.3928/1081597X-20170504-05. PMID:

28681907.

52: Savini G, Hoffer KJ, Schiano Lomoriello D, Ducoli P. Re: Goto et al.: Prediction of postoperative intraocular lens position with angle-to-angle depth using anterior segment optical coherence tomography (Ophthalmology. 2016;123:2474-2480). Ophthalmology. 2017 Jun;124(6):e53-e54. doi: 10.1016/j.ophtha.2016.12.030. PMID: 28528839.

53: Savini G, Hoffer KJ, Barboni P, Balducci N, Schiano-Lomoriello D, Ducoli P. Correction: Accuracy of optical biometry combined with Placido disc corneal topography for intraocular lens power calculation. PLoS One. 2017 Mar 29;12(3):e0175145. doi: 10.1371/journal.pone.0175145. Erratum for: PLoS One. 2017 Feb 23;12(2):e0172634. doi: 10.1371/journal.pone.0172634. PMID: 28355262; PMCID: PMC5371384.

54: Serrao S, Giannini D, Schiano-Lomoriello D, Lombardo G, Lombardo M. New technique for femtosecond laser creation of clear corneal incisions for cataract surgery. J Cataract Refract Surg. 2017 Jan;43(1):80-86. doi: 10.1016/j.jcrs.2016.08.038. PMID: 28317683.

55: Savini G, Hoffer KJ, Barboni P, Balducci N, Schiano-Lomoriello D, Ducoli P. Accuracy of optical biometry combined with Placido disc corneal topography for intraocular lens power calculation. PLoS One. 2017 Feb 23;12(2):e0172634. doi: 10.1371/journal.pone.0172634. Erratum in: PLoS One. 2017 Mar 29;12(3):e0175145. doi: 10.1371/journal.pone.0175145. PMID: 28231267; PMCID: PMC5322924.

56: Savini G, Næser K, Schiano-Lomoriello D, Ducoli P. Total Corneal Astigmatism Measurements: Agreement Between 2 Rotating Scheimpflug Cameras. Cornea. 2017 Apr;36(4):463-469. doi: 10.1097/ICO.0000000000001117. PMID: 28002110.

57: Savini G, Schiano-Lomoriello D, Ducoli P, Hoffer KJ. Corneal asphericity and intraocular lens power after myopic laser in situ keratomileusis. J Cataract Refract Surg. 2016 Oct;42(10):1543. doi: 10.1016/j.jcrs.2016.08.024. PMID: 27839622.

58: Savini G, Næser K, Schiano-Lomoriello D, Mularoni A. Influence of Posterior Corneal Astigmatism on Total Corneal Astigmatism in Eyes With Keratoconus. Cornea. 2016 Nov;35(11):1427-1433. doi: 10.1097/ICO.0000000000000920. PMID: 27387567.

59: Savini G, Hoffer KJ, Schiano-Lomoriello D, Ducoli P. Estimating the Preoperative Corneal Power With Scheimpflug Imaging in Eyes That Have Undergone Myopic LASIK. J Refract Surg. 2016 May 1;32(5):332-6. doi: 10.3928/1081597X-20160225-03. PMID: 27163619.

60: Savini G, Hoffer KJ, Lombardo M, Serrao S, Schiano-Lomoriello D, Ducoli P. Influence of the effective lens position, as predicted by axial length and keratometry, on the near add power of multifocal intraocular lenses. J Cataract Refract Surg. 2016 Jan;42(1):44-9. doi: 10.1016/j.jcrs.2015.07.044. PMID: 26948777.

61: Savini G, Huang J, Lombardo M, Serrao S, Schiano-Lomoriello D, Venanzio S, Ducoli P. Objective Monitoring of Corneal Backward Light Scattering After Femtosecond Laser-assisted LASIK. J Refract Surg. 2016 Jan;32(1):20-5. doi: 10.3928/1081597X-20151207-08. PMID: 26812710.

62: Savini G, Ducoli P, Schiano Lomoriello D. Vector analysis after toric intraocular lens implantation to correct astigmatism. J Cataract Refract Surg. 2015 Jun;41(6):1339. doi: 10.1016/j.jcrs.2015.05.011. Epub 2015 Jun 19. PMID: 26100953.

63: Serrao S, Lombardo G, Desiderio G, Buratto L, Schiano-Lomoriello D, Pileri M, Lombardo M. Analysis of femtosecond laser assisted capsulotomy cutting edges and manual capsulorhexis using environmental scanning electron microscopy. J Ophthalmol. 2014;2014:520713. doi: 10.1155/2014/520713. Epub 2014 Nov 20. PMID: 25505977; PMCID: PMC4258322.

- 64: Lombardo M, Rosati M, Pileri M, Schiano-Lomoriello D, Serrao S. Evaluation of corneal optical properties in subjects wearing hydrogel etafilcon A contact lenses and the effect of administering mannitol-enriched sodium hyaluronate ophthalmic solution. *Clin Ophthalmol*. 2014 Nov 21;8:2347-54. doi: 10.2147/OPHTH.S71944. PMID: 25473260; PMCID: PMC4247147.
- 65: Schiano-Lomoriello D, Colabelli-Gisoldi RA, Nubile M, Oddone F, Ducoli G, Villani CM, Mastropasqua L, Pocobelli A. Descemet and predescemet DALK in keratoconus patients: a clinical and confocal perspective study. *Biomed Res Int*. 2014;2014:123156. doi: 10.1155/2014/123156. Epub 2014 Aug 26. PMID: 25243112; PMCID: PMC4160628.
- 66: Serrao S, Lombardo G, Schiano-Lomoriello D, Rosati M, Lombardo M. Preliminary investigation of corneal wavefront aberration following femtosecond laser clear corneal incision for cataract surgery. *Eur J Ophthalmol*. 2014 Nov-Dec;24(6):842-9. doi: 10.5301/ejo.5000485. Epub 2014 May 16. PMID: 24846626.
- 67: Serrao S, Lombardo G, Schiano-Lomoriello D, Ducoli P, Rosati M, Lombardo M. Effect of femtosecond laser-created clear corneal incision on corneal topography. *J Cataract Refract Surg*. 2014 Apr;40(4):531-7. doi: 10.1016/j.jcrs.2013.11.027. Epub 2014 Feb 20. PMID: 24560554.
- 68: Schiano Lomoriello D, Lombardo M, Gualdi L, Iacobelli L, Tranchina L, Ducoli P, Serrao S. Stability of cachet phakic intraocular lens position during 6-months follow-up. *Open Ophthalmol J*. 2013 Mar 22;7:20-3. doi: 10.2174/1874364101307010020. PMID: 23898355; PMCID: PMC3722538.
- 69: Lombardo M, Lombardo G, Schiano Lomoriello D, Ducoli P, Stirpe M, Serrao S. Interocular symmetry of parafoveal photoreceptor cone density distribution. *Retina*. 2013 Sep;33(8):1640-9. doi: 10.1097/IAE.0b013e3182807642. PMID: 23538574.
- 70: Tranchina L, Lombardo M, Oddone F, Serrao S, Schiano Lomoriello D, Ducoli P. Influence of corneal biomechanical properties on intraocular pressure differences between an air-puff tonometer and the Goldmann applanation tonometer. *J Glaucoma*. 2013 Jun-Jul;22(5):416-21. doi: 10.1097/IJG.0b013e31824cafc9. PMID: 22366703.
- 71: Serrao S, Lombardo M, De Santo MP, Lombardo G, Schiano Lomoriello D, Ducoli P, Stirpe M. Femtosecond laser photodisruptive effects on the posterior human corneal stroma investigated with atomic force microscopy. *Eur J Ophthalmol*. 2012;22 Suppl 7:S89-97. doi: 10.5301/ejo.5000113. PMID: 22267457.
- 72: Lombardo M, De Santo MP, Lombardo G, Schiano Lomoriello D, Desiderio G, Ducoli P, Barberi R, Serrao S. Surface quality of femtosecond dissected posterior human corneal stroma investigated with atomic force microscopy. *Cornea*. 2012 Dec;31(12):1369-75. doi: 10.1097/ICO.0b013e31823f774c. PMID: 22262224.
- 73: Schiano Lomoriello D, Lombardo M, Tranchina L, Oddone F, Serrao S, Ducoli P. Repeatability of intra-ocular pressure and central corneal thickness measurements provided by a non-contact method of tonometry and pachymetry. *Graefes Arch Clin Exp Ophthalmol*. 2011 Mar;249(3):429-34. doi: 10.1007/s00417-010-1550-3. Epub 2010 Oct 28. PMID: 20981434.
- 74: Schiano Lomoriello D, Parravano MC, Chiaravalloti A, Varano M. Choroidal neovascularization in angioid streaks and pseudoxanthoma elasticum: 1 year follow-up. *Eur J Ophthalmol*. 2009 Jan-Feb;19(1):151-3. doi: 10.1177/112067210901900125. PMID: 19123166.
- 75: Parravano M, Oddone F, Tedeschi M, Schiano Lomoriello D, Chiaravalloti A, Ripandelli G, Varano M. Retinal functional changes measured by microperimetry in neovascular age-related macular degeneration patients treated with ranibizumab. *Retina*. 2009 Mar;29(3):329-34. doi: 10.1097/IAE.0b013e31819093e6. PMID: 19092732.

76: Lofoco G, Ciucci F, Bardocci A, Quercioli P, De Gaetano C, Ghirelli G, Perdicaro S, Schiano Lomoriello D, Cacciamani A. Efficacy of topical plus intracameral anesthesia for cataract surgery in high myopia: randomized controlled trial. *J Cataract Refract Surg.* 2008 Oct;34(10):1664-8. doi: 10.1016/j.jcrs.2008.06.019. PMID: 18812115.

77: Tedeschi M, Varano M, Schiano Lomoriello D, Scassa C, Parisi V. Photodynamic therapy outcomes in a case of macular choroidal neovascularization secondary to Candida endophthalmitis. *Eur J Ophthalmol.* 2007 Jan-Feb;17(1):124-7. doi: 10.1177/112067210701700118. PMID: 17294393.1: Galzignato A, Lupardi E, Hoffer KJ, Barboni P, Schiano-Lomoriello D, Savini G. Repeatability of new optical biometer and agreement with two validated optical biometers, all based on swept-source optical coherence tomography. *J Cataract Refract Surg.* 2022 Aug 23. doi: 10.1097/j.jcrs.0000000000001023. Epub ahead of print. PMID: 36026703.

78: Augustin A, Sahel JA, Bandello F, Dardennes R, Maurel F, Negrini C, Hieke K, Berdeaux G. (Collaborators: Sahel J, Chaine G, Weber M, Quentel G, Cohen SY, Mauguet-Faysse M, Brasseur G, Nicole C, Korobelnik JF, Benchaboune M, Charlin JF, Augustin, Weinhold, Kaut, Hyppa, Jurgeit, Incorvaia C, Bandello F, Menchini U, Boscia F, Malerba, Setaccioli, Varano M, Schiano). Anxiety and depression prevalence rates in age-related macular degeneration. *Invest Ophthalmol Vis Sci.* 2007 Apr;48(4):1498-503. PubMed PMID: 17389477.

79: Sahel JA, Bandello F, Augustin A, Maurel F, Negrini C, Berdeaux GH; MICMAC Study Group (Collaborators: Sahel J, Chaine G, Weber M, Quentel G, Cohen SY, Mauguet-Faysse M, Brasseur G, Nicole C, Korobelnik JF, Benchaboune M, Charlin JF, Augustin, Weinhold, Kaut, Hyppa, Jurgeit, Incorvaia C, Bandello F, Menchini U, Boscia F, Malerba, Setaccioli, Varano M, Schiano). Health-related quality of life and utility in patients with age-related macular degeneration. *Arch Ophthalmol.* 2007 Jul;125(7):945-51. PubMed PMID: 17620576.

80: Bandello F, Augustin A, Sahel JA, Benhaddi H, Negrini C, Hieke K, Berdeaux GH; MICMAC (MICRo-economics of MACular degeneration) Study Group. (Collaborators: Sahel J, Chaine G, Weber M, Quentel G, Cohen SY, Mauguet-Faysse M, Brasseur G, Nicole C, Korobelnik JF, Benchaboune M, Charlin JF, Augustin, Weinhold, Kaut, Hyppa, Jurgeit, Incorvaia C, Bandello F, Menchini U, Boscia F, Malerba, Setaccioli, Varano M, Schiano). Association between visual acuity and medical and non-medical costs in patients with wet age-related macular degeneration in France, Germany and Italy. *Drugs Aging.* 2008;25(3):255-68. PubMed PMID: 18331076

81 : Pecori giraldi j., Schiano Lomoriello D., volante v., paone e. : il test dell' ibopamina nel glaucoma sospetto : 10 anni di follow-up. *boll. ocul.* 79 sett-ott 2000 n.5 (527-36).

82: Pecori giraldi j., saguto d., mollicone a., volante v., cacciamani a., Schiano Lomoriello D., zaccara f. : glaucoma ad angolo aperto e malattie sistemiche : indagine epidemiologica e clinica condotta su 320 pazienti (studio preliminare). *boll. ocul.* 77 mar-apr 1998 n. 2 (171-79).

83: Pecori giraldi, a. mollicone, m. sciamanna, Schiano Lomoriello D., f. zaccara : clonidina per via topica nel gaa: una valida alternativa nei casi in cui gli altri farmaci sono controindicati. *boll. ocul.* 76 nov-dic 1997 n 6 (869-876).

Books

- 1: Vingolo E.M., Volante V., Schiano Lomoriello D., :la retinopatia diabetica . in : Adreani D. : la terapia medica del diabete 2001.
- 2: Anterior Segment Oct Atlas. CSO, Firenze, 2018.

I authorize the use of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data".

Rome 19/11/2024

