

Emilio Pedrotti MD

Researcher at the University of Verona, Faculty of Medicine and Surgery

(Scientific Disciplinary Sector MED/30 – Diseases of the Visual System)

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Curriculum Vitae

CAREER

Emilio Pedrotti was born in Mantova on 29 November 1970

Education and training:

High School Diploma (Scientific Studies) at the “P. Lioy” High School of Vicenza in 1989.

Undergraduate fellow at the Eye Clinic of the University of Verona, from June 1995 to July 1997.

Master’s Degree in Medicine and Surgery at the University of Verona on 11 July 1997; title of thesis: “Congenital Glaucoma Surgery: 10 years of follow up”.

Postgraduate Specialization in Ophthalmology *cum laude* at the University of Verona, on 23 July 2001. Title of thesis: “Squint Surgery under topical anesthesia”.

Vitreoretinal surgical fellowship training (6 months) at the Moorfield Eye Hospital of London from 1 January 2001 to 1 July 2001;

Anterior segment surgical fellowship training (4 months) at the Moorfield Eye Hospital of London from 1 August 2001 to 1 December 2001.

Research fellow at the University of Verona from 10 January 2002 to 1 October 2004. Research field: comparison between deep lamellar keratoplasty and perforating keratoplasty in the surgical treatment of keratoconus.

Winner of public examination for 1 position of researcher, Med/30 at the University of Verona (5 February 2004).

Full-time university researcher, SDS (scientific disciplinary sector) MED/30 – Diseases of the Visual System, at the University of Verona, from 10 January 2005.

Full time research scientist, SDS MED/30 – Diseases of the Visual System, at the University of Verona, from 10 January 2008 to present.

(FAS) Highly specialized function in Cornea and External Diseases at the University Eye Clinic of Verona, from 01 December 2011 to present.

WORK EXPERIENCE

Dr Pedrotti attended the University Eye Clinic of Verona led by Prof. Bonomi Luciano and then by Prof. Marchini Giorgio as an undergraduate fellow, postgraduate fellow, resident, research fellow and full-time researcher.

From 10 January 2005 he's a full-time university researcher and works at the University Eye Clinic of Verona as an ophthalmologist and an ophthalmic surgeon with a FAS (highly specialized function) in cornea and external diseases and cornea transplants.

His surgical experience varies from vitreoretinal to corneal, refractive and squint surgery. Since January 2005 he's head of the Cornea and ocular surface service and manages the vitreoretinal emergencies and the cornea transplants. He's a surgical and clinical tutor for the residents.

1. Surgical and parasurgical activity

Dr Pedrotti operates 3 times a week. He performs cataract and glaucoma surgery, corneal transplants (penetrating keratoplasty, deep lamellar keratoplasty, endothelial keratoplasty), amniotic membrane and stem cells transplantation, vitreoretinal surgery (either ab externo or 25 and 23 G vitrectomy) and toric, phakic, multifocal IOLs implantation. He performs also YAG, diode and argon laser for vitreoretinal diseases, glaucoma and secondary cataract.

Dr Pedrotti has performed during his career more than 6000 surgeries in the field of:

- Cataract and refractive surgery: phacoemulsification and IOL implantation, secondary IOL implantation, phakic IOL implantation for correction of high ametropia (mainly high myopia), photorefractive keratectomy and excimer laser in situ keratomileusis
- Glaucoma surgery: trabeculectomy with antimetabolites, drainage implants, diode laser cyclophotocoagulation.
- Corneal transplants: PK (penetrating keratoplasty), lamellar keratoplasty, deep lamellar keratoplasty, endothelial keratoplasty.
- Corneal ectasia surgery: corneal cross-linking, intrastromal rings.
- Ocular surface surgery: amniotic membrane transplantation, fornix reconstruction and autologous limbal stem cells transplantation.
- Retinal detachment surgery: scleral buckling and encircling with gas bubble.
- Vitreo-retinal surgery of complex cases (vitreoretinal proliferation, proliferative diabetic retinopathy, trauma, endophthalmitis) with or without silicon oil.
- Posterior pole and macular surgery: (epiretinal membrane and macula hole): 23G and 25G vitrectomy.
- Squint surgery, traditional in pediatric patients and under topical anesthesia in adults.
- Plastic surgery: enucleation and mobile orbital implantation.

2. Sectors of innovation and excellence in surgery.

- Cataract and refractive surgery with phakic, refractive, diffractive and accommodating IOLs;

- Deep anterior lamellar keratoplasty;
- Limbal stem cells transplantation (in collaboration with the Eye Bank Foundation of Veneto);
- Mini invasive vitreoretinal surgery 23-25-27G.

3. Diagnostic service and treatment of cornea and ocular surface diseases.

Since 1 april 2002 Dr. Pedrotti manages the diagnostic service and treatment of cornea and ocular surface diseases of the Eye Clinic of Verona.

This service provides: corneal topography, optical coherence tomography, in vivo confocal microscopy, aberrometry, specular endothelial microscopy, counselling for infectious and degenerative corneal diseases, corneal transplants follow up, diagnosis and treatment of limbal stem cell deficiency, tear film analysis and treatment.

4. Vitreoretinal surgery.

Since 2005 Dr. Pedrotti is one of the main vitreoretinal surgeons at the Eye Clinic of Verona. He regularly performs retinal detachment and trauma surgeries. He also performs more complex cases of diabetic retinopathy, and vitreoretinal proliferation surgeries. Macular surgery and about 75% of the retinal surgery is performed in Day Surgery regimen under local anesthesia and with mini invasive techniques (23-25-27G).

DIDACTIC WORK

Dr. Pedrotti teaches pathophysiological optics and squint at the School of Medicine of the UNIVERSITY OF VERONA since 2009/2010. He also teaches to the ophthalmology residents since 2006/2007.

His didactic work is addressed also to all the ophthalmologists, as required by the SSN (National health system) for the continuing education in medicine (ECM programme).

1. Teachings.

- 1) Ophthalmology integrated course. School of Medicine and Surgery. Since 2009-2010.
- 2) Pathophysiological optics. School of Ophthalmology. Since 2006-2007.
- 3) Anterior segment surgery. School of ophthalmology. Since 2009-2010.
- 4) Ophthalmology. School of anesthesiology and reanimatology. Since 2008-2009.

Since 2003/2004 he contributed to write as supervisor 6 thesis' for the Degree in Medicine and Surgery and 8 thesis' for the specialization in ophthalmology.

RESEARCH

1. Fields of research.

As a clinician-scientist he has a particular interest in the corneal and ocular surface diseases, vitreo-retinal diseases, squint, vitreo-retinal surgery, cataract, corneal transplants and limbal stem cells. In all these fields He has authored 49 publications on national and international reviews.

Dr Pedrotti participated to 72 scientific congresses and courses in Italy and abroad as a speaker, invited speaker and teacher.

The research fellowship at the Moorfield Eye Hospital of London that he attended from 1 september 2000 to 26 february 2001 (6 months) contributed to his love for reaserch.

2. Scientific assignmments and mamberships.

Dr. Pedrotti is Scientific Reviewer of the following international peered reviews:

- Investigative in Ophthalmology and Visual Science (IOVS)
- Ophthalmology
- Journal of Cataract and Refractive Surgery (JCRS)

He's editor of the review: "Sphera, oftalmologia e dintorni"

He's a member of the following scientific societies:

International:

- 1) American Academy of Ophthalmology (AAO)
- 2) Association for Research in Vision and Ophthalmology (ARVO)
- 3) European Society of Cataract and Refractive Surgeons (ESCRS)
- 4) Société Française d'Ophtalmologie (SFO)

Nazionale:

- 1) Associazione Italiana Chirurgia della Cataratta e Refrattiva (AICCER)
- 2) Società Italiana di Ergoftalmologia e Traumatologia Oculare (SIETO)
- 3) Società Italiana Laser in Oftalmologia (SILO)
- 4) Società Italiana Trapianto di Cornea (SITRAC)
- 5) Società Oftalmologica Italiana (SOI)
- 6) Società Oftalmologica Triveneta (SOT)
- 7) Società Oftalmologi Universitari (SOU)

PUBLICATIONS

Dr Pedrotti has authored 59 scientific publications

1. Scientific publications.

- 1) Pucci V., Marchini G., Pedrotti E., Morselli S., Bonomi L.: "Transscleral diode laser photocoagulation in refractory glaucoma".
Ophthalmologica. 2001 Jul-Aug;215(4):263-6.
- 2) Pedrotti E., Frisina R., Sbabo A., Marchini G.: "La ciclofotocoagulazione transclerale con laser a diodi nel trattamento del glaucoma refrattario". (Abstract).
Atti del 19° Congresso Annuale S.I.L.O. (Società Italiana Laser in Oftalmologia). Cortina d'Ampezzo (BL), 23-25 Gennaio 2003, p.21-2.
- 3) Marchini G., Pedrotti E., Pedrotti M., Frisina R., Sbabo A.: "Intracorneal delamination deep lamellar keratoplasty". (Abstract).
Book of Abstracts. 21° Congress of the ESCRS, Munich, 6th-10th September 2003, p.86.
- 4) Marchini G., Pedrotti E., Sartori P., Tosi R.: "UBM changes during accommodation in eyes implanted with crystalens AT45 IOL. Pilot Study".
Book of Abstracts. 21° Congress of the ESCRS, Munich, 6th-10th September 2003, p.86.
- 5) Marchini G., Mastropasqua L., Pedrotti E., Nubile M., Lanzini M., Sbabo A., Frisina R.: "Deep Lamellar Keratoplasty (DLKP) by intracorneal dissection: clinical and confocal microscopic prospective study". (Abstract).
8th ESCRS Winter Refractive Surgery Meeting. Barcelona, 23-25 January 2004, p.16.
- 6) Marchini G., Tosi R., Mora P., Pedrotti E., Manzotti F., Sartori P., Gandolfi S.A.: "Accommodative amplitude in eyes implanted with Crystalens AT45 and 1Cu IOLs. Prospective, randomized, controlled, 12-month clinical trial". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida, 25-29 April 2004, p.71.
- 7) Marchini G., Pedrotti E., Sbabo A., Frisina R.: "Cheratoplastica lamellare profonda con tecnica manuale a delaminazione intracorneale". (Short paper).
Atti del Congresso: "La superficie oculare dalla A alla Z". Bari, 2-3 Luglio 2004: p.281-4.
- 8) Marchini G., Pedrotti E., Frisina R., Sbabo A.: "Treatment of iatrogenic ametropia after penetrating or deep lamellar keratoplasty by photorefractive transepithelial keratectomy". (Abstract).
Book of Abstracts. 22° Congress of the ESCRS, Paris 18th-22nd September 2004: p.61.
- 9) Marchini G., Gandolfi S., Tosi R., Pedrotti E., Mora P., Sartori P.: "Visual acuity, amplitude of accommodation and ultrasound biomicroscopy parameter comparison in eyes implanted with AT45 and 1CU IOLS". (Abstract).
Book of Abstracts. 22° Congress of the ESCRS, Paris 18th-22nd September 2004: p.61.

- 10) Marchini G., Bonora A., Malagoli A., Pedrotti E.: "B&L Akreos disc lens: clinical evaluation". (Abstract).
Book of Abstracts. 22° Congress of the ESCRS, Paris 18th-22nd September 2004: p.146.
- 11) Marchini G., Ceruti P., Pedrotti E., Tosi R.: "Effects of heparin surface modified hydrophilic acrylic posterior chamber intraocular lens on posterior capsular opacification (PCO)". (Abstract).
Book of Abstracts. 22° Congress of the ESCRS, Paris 18th-22nd September 2004: p.146.
- 12) Sbabo A., Pedrotti E., Marchini G.: "Long-term results of continuous suture adjustment to reduce astigmatism after penetrating or deep lamellar keratoplasty". (Abstract).
Book of Abstracts. 22° Congress of the ESCRS, Paris 18th-22nd September 2004: p.231.
- 13) Marchini G., Pedrotti E., Sartori P., Tosi R.: "Ultrasound biomicroscopic changes during accommodation in eyes with accommodating intraocular lenses: Pilot study and hypothesis for the mechanism of accommodation".
J Cataract Refract Surg. 2004 Dec;30(12):2476-82.
- 14) Mastropasqua L., Pedrotti E., Marchini G.: Valutazione microscopica confocale della cheratoplastica lamellare profonda nel cheratocono". (Capitolo 6.10).
In: SITRAC Ed.: "Il Cheratocono". Ed. Fabiano, Canelli (AT), 2004:141-9.
- 15) Marchini G., Pedrotti E.: "Trapianto di cornea".
In: Trabucco G. e Verlato G. eds.: "Condividere la vita. Donazione e Trapianto di Organi e Tessuti Conoscenze, Opinioni, Vissuti Psicologici". Ed. Cortina, Verona , 2005:171-5.
- 16) Frisina R., Pedrotti E., Sbabo A., Marchini G.: "Comparison between deep lamellar and penetrating keratoplasty in the treatment of keratoconus". (Abstract).
Program Summary Book. ARVO Meeting, Fort Lauderdale, Florida, May 1-5, 2005: p.213.
- 17) Pedrotti E., Modesti M., Tosi R., Visentin S., Marchini G.: "Anterior segment changes during accommodation in eyes implanted with monofocal IOLs: a high frequency ultrasound study". (Abstract).
Book of Abstracts. 23° Congress of the ESCRS, Lisbon, 10-14 September 2005: p.88.
- 18) Sbabo A., Pedrotti E., Perone G., Marchini G.: "Comparison between photorefractive transepithelial keratectomy and laser in situ keratectomy for the treatment of iatrogenic ametropia after penetrating or deep lamella keratoplasty". (Abstract).
Book of Abstracts. 23° Congress of the ESCRS, Lisbon, 10-14 September 2005: p.105.
- 19) Marchini G., Pedrotti E., Sbabo A.: "La cornea si rigenera. Cellule staminali per guarire malattie oculari".
La Salute e la città (Periodico). 2005 Ottobre;(3):46-7.
- 20) Marchini G., Pedrotti E.: "La sclerectomia profonda".
In: Gandolfi S. (Ed.): "Il Glaucoma". Mattioli 1885 Editore, Fidenza (PR), 2005: p.407-14.

- 21) Pedrotti E., Marchini G.: "Comparazione tra PRK transepiteliale customizzata e LASIK nel trattamento delle ametropie iatrogene dopo PKP e DLKP".
L'Oculista Italiano. 2006;(142):26-8.
- 22) Frisina R., Pedrotti E., Sbabo A., Passilongo M., Marchini G. : "Correlation between central thickness of residual bed and contrast sensitivity and visual acuity after deep lamellar keratoplasty". (Abstract).
Program Summary Book and 2006 Program Planner and Itinerary Builder. ARVO Meeting, Fort Lauderdale, Florida, April 30-May 4, 2006.
- 23) Pedrotti E., Passilongo M., Sbabo A., Marchini G. : "Comparison of optical coherence tomography and ultrasound biomicroscopy for the valuation of corneal recipient bed's central thickness and the total corneal central thickness in deep lamellar keratoplasty". (Abstract).
Program Summary Book and 2006 Program Planner and Itinerary Builder. ARVO Meeting, Fort Lauderdale, Florida, April 30-May 4, 2006.
- 24) Passilongo M., Pedrotti E., Marchini G.: "Applicazione di membrana amniotica nelle gravi alterazioni della superficie oculare: nostra casistica". (Abstract).
Atti 22° Congresso Annuale S.O.T. (Società Oftalmologica Triveneta). Vicenza, 9-10 Giugno 2006: p.1.
- 25) Fasolo A., Frigo A.C., Böhm E., Genisi C., Rama P., Spadea L., Mastropirro B., Fornea M., Ponzin D., Grigoletto F. and on behalf of the CORTES Group (tra cui, nella List of contributors: Marchini G., Marraffa M., Monti P., Pedrotti E., Sbabo A., Tosi R.): "The CORTES Study: corneal transplant indications and graft survival in an italian cohort of patients".
Cornea. 2006 Jun;25(5):507-15.
- 26) Marchini G., Mastropasqua L., Pedrotti E., Nubile M., Ciancaglini M., Sbabo A.: "Deep lamellar keratoplasty by intracorneal dissection: a prospective clinical and confocal microscopic study".
Ophthalmology. 2006 Aug;113(8):1289-300.
- 27) Pedrotti E., Sbabo A., Marchini G.: "Customized transepithelial photorefractive keratectomy for iatrogenic ametropia after penetrating or deep lamellar keratoplasty".
J Cataract Refract Surg. 2006 Aug;32(8):1288-91.
- 28) Pedrotti E., Sbabo A., Bertoldo G., Marchini G.: "Acuity and quality of vision after cataract surgery and Alcon Restore implantation. Clinical evaluation preliminary results". (Abstract).
Book of Abstracts. 24° Congress of the ESCRS, London, UK, 9-13 September 2006: p.118.
- 29) Pedrotti E., Marchini G., Bonora A., Malagoli A., Bertoldo G., Sbabo A.: "Visual outcome after cataract surgery with implantation of accommodative, multifocal refractive and multifocal diffractive intraocular lenses. Comparative clinical study". (Abstract).
Book of Abstracts. 24° Congress of the ESCRS, London, UK, 9-13 September 2006: p.118.

- 30) Sbabo A., Passilongo M., Pedrotti E., Marchini G.: "Comparison of optical coherence tomography with wavelength of 1310 Nm and ultrasound biomicroscopy for the valuation of the corneal residual bed's central thickness in deep lamellar keratoplasty". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. May 6-10, 2007.
- 31) Pedrotti E., Sbabo A., Passilongo M., Marchini G.: "Correlation between central thickness of residual bed, total corneal central thickness, visual acuity and refractive outcomes after deep lamellar keratoplasty". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. May 6-10, 2007.
- 32) Marchini G., Mora P., Pedrotti E., Manzotti F., Aldigeri R., Gandolfi S.A.: "Functional assessment of two different accommodative intraocular lenses compared with a monofocal intraocular lens".
Ophthalmology. 2007 Nov;114(11):2038-43.
- 33) Marchini G., Pedrotti E., Mazzilli E., Buzzonetti L., Passilongo M., Viola P., Laborante A.: "Acuity and quality of vision after cataract surgery and Acritec Acri.Lisa 356d implantation: clinical evaluation, preliminary results". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. April 27-May 1, 2008.
- 34) Passilongo M., Bohm E., Bauchiero L., Pedrotti E., Sbabo A., Soave G., Marchini G.: "Clinical outcomes after deep lamellar keratoplasty by intrastromal dissection: a multicentric study". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. April 27-May 1, 2008.
- 35) Pedrotti E., Sbabo A., Musetti P., Passilongo M., Marchini G.: "Descemet stripping endothelial keratoplasty (DSEK) with artificial anterior chamber and manual dissection of the donor cornea: preliminary results". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. April 27-May 1, 2008.
- 36) Marchini G., Pedrotti E., Modesti M., Visentin S., Tosi R.: "Anterior segment changes during accommodation in eyes with a monofocal intraocular lens: high-frequency ultrasound study".
J Cataract Refract Surg. 2008 Jun;34(6):949-56.
- 37) Marchini G., Pedrotti E., Visentin S.: "Reply: Initial report of IOL-induced accommodation".
J Cataract Refract Surg. 2008 Dec;34(12):2009; author reply 2009.
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. May 3-7, 2009.
- 38) Pedrotti E., Barbaro V., Ferrari S., Fasolo A., Di Iorio E., Nettis N., Passilongo M., Ficial S., Ponzin D., Marchini G.: "Analysis of cytokeratin 12 and mucin-1 expression in impression cytology specimens through immunofluorescence for the evaluation of ocular surface disorders". (Abstract).
Program Summary Book. ARVO Meeting. Fort Lauderdale, Florida. May 3-7, 2009.
- 39) Marchini G., Pedrotti E., Passilongo M., Musetti P., Ficial S.: "La cheratoplastica lamellare oggi: tecniche, indicazioni, vantaggi e limiti".
Newsletter S.I.Tra.C. 2009 Maggio;(2).
- 40) Pedrotti E., Passilongo M., Musetti P., Ficial S., Marchini G.: "DALK e PKP: studio di confronto con occhio adelfo". (Abstract).
Abstract Book. 8° Congresso SICSSO, International Scientific Meeting. Sorrento (NA), 11-13 Giugno 2009.

- 41) Barbaro V., Ferrari S., Fasolo A., Pedrotti E., Marchini G., Sbabo A., Nettis S., Ponzin D., Di Iorio E.: "Analysis of cytokeratin 12 and mucin-1 expression in impression cytology specimens through immunofluorescence for the evaluation of ocular surface disorders". (Abstract).
Abstract Book. 8° Congresso SICSSO, International Scientific Meeting. Sorrento (NA), 11-13 Giugno 2009.
- 42) Marchini G., Pedrotti E., Passilongo M., Musetti P.: "La cheratoplastica lamellare profonda e l'endocheratoplastica eseguite con tecnica manuale".
La Voce A.I.C.C.E.R. 2010;(1):46-8.
- 43) Marchini G., Pedrotti E.: "Patologie della cornea e della superficie oculare". (Capitolo 10).
In: Azzolini C. (Editor), Carta F., Marchini G., Menchini U.: "Clinica dell'apparato visivo". Elsevier srl, Milano. 2010;(10):109-26.
- 44) Passilongo M., Pedrotti E., Musetti P., Marcigaglia M., Marchini G.: "Comparison between penetrating and deep anterior lamellar keratoplasty in the treatment of keratoconus: a study in the fellow eyes". (Free Paper Abstract).
Programme. 1st EuCornea Congress, Venezia, 17-19 Giugno 2010.
- 45) Barbaro V., Ferrari S., Fasolo A., Pedrotti E., Marchini G., Sbabo A., Nettis N., Ponzin D., Di Iorio E.: "Evaluation of ocular surface disorders: a new diagnostic tool based on impression cytology and confocal laser scanning microscopy".
Br J Ophthalmol. 2010 Jul;94(7):926-32.
- 46) Barbaro V., Ferrari S., Fasolo A., Pedrotti E., Marchini G., Sbabo A., Nettis N., Ponzin D., Di Iorio E.: "Authors' response". (Author reply to: Mantelli F., Argüeso P.: "MUC1 biosynthesis in human corneal and conjunctival epithelia".)
Br J Ophthalmol. 2010 Jul;94(7):956-7; author reply 957-8.
- 47) Marchini G., Pedrotti E., Pedrotti M., Barbaro V., Di Iorio E., Ferrari S., Bertolin M., Ferrari B., Passilongo M., Fasolo A., Ponzin D.: "Long-term effectiveness of autologous cultured limbal stem cell grafts in patients with limbal stem cell deficiency due to chemical burns".
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- 48) Marchini G., Pedrotti E., Pedrotti M., Barbaro V., Di Iorio E., Ferrari S., Bertolin M., Ferrari B., Passilongo M., Fasolo A., Ponzin D.: "Long-term effectiveness of autologous cultured limbal stem cell grafts in patients with limbal stem cell deficiency due to chemical burns".
Clin Experiment Ophthalmol. 2012 Apr;40(3):255-67.
**Considerato leading article con editoriale a commento.*
- 49) Salvétat ML., Brunsini P., Pedrotti E., Zeppieri M., Miani F., Marcigaglia M., Passilongo M., Marchini G.: "Higher order aberrations after keratoplasty for keratoconus".
Optom Vis Sci. 2013;90(3):293-301.
- 50) Mastropasqua L., Nubile M., Calienno R., Mattei PA, Pedrotti E., Salgari N, Mastropasqua R, Lanzini M.: "Corneal cross-linking: intrastromal riboflavin concentration in iontophoresis-assisted imbibition versus traditional and transepithelial techniques".
Am J Ophthalmol. 2014 Mar;157(3):623-30.e1. doi: 10.1016/j.ajo.2013.11.018.

- 51) Mastropasqua L, Toto L, Mastropasqua A, Vecchiario L, Mastropasqua R, Pedrotti E, Di Nicola M. "Femtosecond laser versus manual clear corneal incision in cataract surgery." *J Refract Surg*. 2014 Jan;30(1):27-33.
- 52) Ligozzi M, Maccacaro L, Passilongo M, Pedrotti E, Marchini G, Koncan R, Cornaglia G, Centonze AR, Lo Cascio G. "A case of *Beauveria bassiana* keratitis confirmed by internal transcribed spacer and LSU rDNA D1-D2 sequencing". *New Microbes New Infect*. 2014 May;2(3):84-7. doi: 10.1002/nmi2.30. Epub 2014 May 20.
- 53) Mastropasqua R, Fasanella V, Pedrotti E, Lanzini M, Di Staso S, Mastropasqua L, Agnifili L. "Trans-conjunctival aqueous humor outflow in glaucomatous patients treated with prostaglandin analogues: an in vivo confocal microscopy study". *Graefes Arch Clin Exp Ophthalmol*. 2014 Sep;252(9):1469-76. doi: 10.1007/s00417-014-2664-9.
- 54) Pedrotti E, Mastropasqua R, Passilongo M, Parisi G, Marchesoni I, Marchini G. "Comparison of two multifocal intraocular lens designs that differ only in near add". *J Refract Surg*. 2014 Nov;30(11):754-60. doi: 10.3928/1081597X-20141021-07.
- 55) Agnifili L, Mastropasqua R, Frezzotti P, Fasanella V, Motolese I, Pedrotti E, Di Iorio A, Mattei PA, Motolese E, Mastropasqua L. "Circadian intraocular pressure patterns in healthy subjects, primary open angle and normal tension glaucoma patients with a contact lens sensor". *Acta Ophthalmol*. 2015 Feb;93(1):e14-21. doi: 10.1111/aos.12408.
- 56) Celeghin A, Barabas M, Mancini F, Bendini M, Pedrotti E, Prior M, Cantagallo A, Savazzi S, Marzi CA. "Speeded manual responses to unseen visual stimuli in hemianopic patients: what kind of blindsight?". *Conscious Cogn*. 2015 Mar;32:6-14. doi: 10.1016/j.concog.2014.07.010.
- 57) Frigo AC, Fasolo A, Capuzzo C, Fornea M, Bellucci R, Busin M, Marchini G, Pedrotti E, Ponzin D; CORTES Study Group. "Corneal transplantation activity over 7 years: changing trends for indications, patient demographics and surgical techniques from the Corneal Transplant Epidemiological Study (CORTES)". *Transplant Proc*. 2015 Mar;47(2):528-35. doi: 10.1016/j.transproceed.2014.10.040.
- 58) Mastropasqua R, Pedrotti E, Passilongo M, Parisi G, Marchesoni I, Marchini G. "Long-term visual function and patient satisfaction after bilateral implantation and combination of two similar multifocal IOLs". *J Refract Surg*. 2015 May;31(5):308-14. doi: 10.3928/1081597X-20150423-04
- 59) "In Vivo Confocal Microscopy 1 Year after Autologous Cultured Limbal Stem Cell Grafts". Pedrotti E, Passilongo M, Fasolo A, Nubile M, Parisi G, Mastropasqua R, Fical S, Bertolin M, Di Iorio E, Ponzin D, Marchini G. *Ophthalmology*. 2015 Jun 4. pii: S0161-6420(15)00327-9. doi: 10.1016/j.ophtha.2015.04.004.