

CURRICULUM VITAE

Francesco Fasce, MD

Physician Speciality Ophthalmology. Sub-speciality; cataract and anterior segment surgery.

Born in Ferrara (Italy) March 20th 1960.

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Education

- Graduated in Medicine at the University of Milan (march 1986).
- Speciality in Ophthalmology (cum laude) at the University of Milan (July 1990).
- Medical registration Ordine dei Medici di Milano: n°26542 (23 July 1986).

Position

- Consultant at the Department of Ophthalmology, , University Hospital San Raffaele Milan Italy (1988-1996)
- Chief of Low-vision Service, University Hospital San Raffaele Milan Italy (1990-1996)
- Chief of Contact Lens Service, University Hospital San Raffaele Milan Italy (1990-1996)

- Senior consultant at the University Hospital San Raffaele Milan Italy (1996 present)
- Chief of Cataract and Anterior Segment Surgery Unit, University Hospital San Raffaele Milan Italy (2000 present)

Training

- Low vision rehabilitation, LVI Low Vision International H S. Raffaele Milano Italia (September-November 1989).
- Phacoemulsification and IOL implant in Paediatric cataract Abhay Vasavada, Iladevi Cataract & IOL Research Centre, Raghdeep Eye Clinic, Ahmedabab, India (September 2004)

International Project

- Project MAIS July 1997 San Louis, Arame, Maragnao, Brasil, Surgical Project to prevent cataract blindness.
- Improvement of ophthalmologist operative plan of the Bethlehem Arab Society for Rehabilitation AISPO Project. Bethlem Israel July 2005 and june 2006
- Mission in Africa to prevent the blindness in children. Francesca Rava foundation. NPH Italia Onlus. Maputo (Mozambique) 26 jan - 2 feb 2014
- Vision+ Onlus Mission in Madagascar for cataract surgery. Ampefy (Madagascar). 15 jul - 6 aug. 2017

Medical journals reviewer

European Journal of Ophthalmologist EJO

Grant

- 1990- Research in “Low vision therapy: evaluation of visual residual with the scanning laser ophthalmoscope”, Scientific Institute “La nostra famiglia” Bosisio Parini (LC) Italy

Award

- First prize “cataract surgery” International Video Festival 2008 Videocataratta Milan Italy
- Cataract extraction after lamellar keratoplasty in ROP. Video Selected for Challenging Cataract Cases in Children Symposium. ASCRS April 11 2010 Boston

Main field of activity

- Cataract surgery (adult and paediatric)
- Corneal surgery

- Refractive surgery

Professional Associations

- Italian Society of Ophthalmology (SOI)
- Association for Research and Vision in Ophthalmology (ARVO)
- American Academy of Ophthalmology (AAO)
- American Society of Cataract and Refractive Surgery (ASCRS)
- European Society of Cataract and Refractive Surgery (ESCRS)

Teaching

Clinical Assistant Professor of Ophthalmology

Università Vita e Salute Milano Italy

(2000-present)

5th year Medical Student, course on clinic and surgery of anterior segment pathologies.

School of Ophthalmology at the University “Vita e Salute” of Milan. Course on cataract: clinic and surgery.

BOOK CHAPTERS

- *The Prevention of infections in ophthalmic surgery.*

Roberto Bellucci,1 Simonetta Morselli

The epidemiology and bacteriology in the infections after cataract extraction

Signs and symptoms of infections in ophthalmic surgery
Ed Théa Farma S.p.A. 2013

- *Corneal Topography*

Brancato R. et al

Corneal warpage and Contact lens fitting

Dry-eye

Fogliazza ed. 1998

Surgical experience

More than 15000 procedures: anterior segment surgery and cornea including: age-related and congenital cataract extractions (extracapsular and phacoemulsification), complex cataract extractions, anterior segment reconstructions, sutured posterior chamber intraocular lens implantation, Penetrating Keratoplasty, Deep Lamellar Keratoplasty, Amniotic Membrane Transplantation, Refractive surgery.

Scientific contributions

- Principle investigator and coordinator to several international studies about: Age related macular degeneration, Visual rehabilitation, Ocular surface diseases, Contact lenses, Cataract surgery, IOls implants

Scientific publications in Journal (Pub Med):

1. Rozema JJ, Hershko S, EVICR.net and Project Gullstrand Study Group. The component of adult astigmatism and their age-related changes. *Ophthalmic Physiol Opt.* 2019 May;39(3) 183-193.
2. Chiambaretta F, Pleyer U, Behndig A, Pisella PJ, Mertens E, Fasce F, et al. Pupil dilatation dynamics with an intracameral fixed combination of mydriatics and anesthetic during cataract surgery. *J Cataract Refract Surg.* 2018 Mar; 44(3) 341-347.
3. Battaglia Parodi M, Iacono P, Romano F, Bolognesi G, Fasce F1, Bandello F. Optical coherence tomography in Best vitelliform macular dystrophy. *Eur J Ophthalmol.* 2017 Feb 22:0. doi: 10.5301/ejo.5000878. [Epub ahead of print]
4. Fasce F, Bianchi I, Knutsson KA, Spinelli A, Mauceri P, Bolognesi G, Bandello F. Rotational stability of a single-piece hydrophobic acrylic intra-ocular lens in myopic and emmetropic eyes. *Acta Ophthalmol.* 2016 Apr 7. doi: 10.1111/aos.13046. [Epub ahead of print]

5. Jongenelen S, Rozema JJ, Tassignon MJ; EVICR.net and Project Gullstrand Study Group.. Distribution of the Crystalline Lens Power In Vivo as a Function of Age. *Invest Ophthalmol Vis Sci.* 2015 Nov;56(12)
6. Parodi MB; Zucchiati I; Fasce F; Bandello F. Bilateral choroidal excavation in best vitelliform macular dystrophy. *Ophthalmic Surg Lasers Imaging Retina* 2014 Feb 14;45 Online: e8-e10
7. Rozema JJ; Tassignon MJ et al, EVICR net. Project Gullstrand Study Group. The bigaussian nature of ocular biometry. *Optom Vis Sci* 2014 Jul 91(7); 713-722
8. Francesco Bandello; Maurizio B Parodi; Francesco Fasce; Gianluigi Bolognesi; Paolo Mauceri; Alessandra Spinelli; Karl A Knutsson. New perspectives in the management of post-surgical macular edema. *Recent Pat Drug Deliv Formul.* 2012 Apr 1;6(1):73-9.
9. B Basta; L Gioia; M Gemma; E Dedola; I Bianchi; F Fasce; L Beretta. Systemic adverse events during 2005 phacoemulsifications under monitored anesthesia care: a prospective evaluation. *Minerva Anesthesiol.* 2011,77(9);877-83
10. Marco Gemma; Luigi Gioia; Elisa Dedola; Benedetta Basta; Ingrid Bianchi; Francesco Fasce; Luigi Beretta. Anesthesiologist intervention during cataract surgery under topical or peribulbar anesthesia: a propensity model comparison. *Eur J Ophthalmol* 2010,20(4);687-93

11. Fasce F, Spinelli A, Bolognesi G, Mauceri P. Phacoemulsification in extreme zonular weakness. *Techniques in Ophthalmology* 2009;7(4);134-138
12. Fasce F, Spinelli A, Bolognesi G, Rossi M, Gemma M. Comparison of BD Multivisc with the soft shell technique in cases with hard lens nucleus and Fuchs endothelial dystrophy. *Eur J Ophthalmol* 2007,17(5);709-713.
13. Gobbi PG, Fasce f, Bozza S, Calori S, Brancato R. Far and near visual acuity with multifocal intraocular lenses in an optomechanical eye model with imaging capability. *J Cataract Refractive Surg.* 2007 jun;33(6); 1082-94
14. Gioia L, Cabrini L, Gemma M, Fiori R, Fasce F, Bolognesi G, Spinelli A, Beretta L. Sedative effect of acupuncture during cataract surgery: prospective randomized double-blind study. *J Cataract Refract Surg.* 2006 Nov;32(11):1951-4
15. Gobbi PG, Fasce F, Bozza S, Brancato R. Optomechanical eye model with imaging capabilities for objective evaluation of intraocular lenses. *J Cataract Refract Surg.* 2006 Apr;32(4):643-51.
16. Fasce F, Brancato R. Incomplete extrusion of an acrylic punctum plug in a case of severe dry eye syndrome. *Eur J Ophthalmol.* 2005 Jan-Feb;15(1):132-4.
17. Gioia L, Fanelli G, Casati A, Nuti U, Mennella R, Scarioni M, Cerchierini E, Sciascia A, Garassino A, Torri G, Fasce F, Bolognesi G. A prospective, randomized, double-blinded comparison of ropivacaine 0.5%, 0.75%, and 1% ropivacaine for peribulbar block. *J Clin Anesth.* 2004 May;16(3):184-8.

18. Gobbi PG, Fasce F, Bozza S, Brancato R. Experimental characterization of the imaging properties of multifocal intraocular lenses. *Ophthalmic technologies* 2003 January (vol 4951) 104-111
19. Fasce F, Brancato R, Bettin P, Introini U, Pece A. Evaluation of fixation one year after perifoveal laser treatment of subfoveal choroidal neovascularisation. *Int Ophthalmol*. 1996-1997;20(5):251-8.
20. Fasce F, Pece A, Dubini L, Avanza P, Brancato R. Rehabilitation visuelle après traitement par le laser de la dégénérescence maculaire liée à l'âge. *J. Fr. Ophthalmol* 1989, 12, 11, 782,

Posters and papers at International Meetings

- Visual rehabilitation after laser treatment in age-related macular degeneration- 2nd meeting of the European Macular Group. Crete Greece 28-31 May 1989
- Pèrimétrie de seuil des scotomes centraux. Etude clinique avec deux différentes mires de fixation. Société Française d'Ophthalmologie Paris 20-24 mai 1990
- Influence of selective filters and of light source on contrast sensitivity in low vision patients with central scotoma. ARVO 1992, 3-8 may, Sarasota, Florida
- Evaluation of fixation one year after perifoveal laser treatment of subfoveal choroidal neovascularization. ARVO 1993, 2-7 may, Sarasota, Florida

- Disposable soft contact lenses vs collagen shields as a drug delivery system in human eye; a fluorophotometric evaluation. ARVO 1994, 1-6 may, Sarasota, Florida
- Comparison of different computer assisted videokeratoscopes for keratoconus lens design XXIV congress of European Contact Lens Society of Ophthalmologists Alicante Spain 14-17 september 1994
- Comparison of different computer assisted videokeratoscopes for keratoconus lens design. ARVO 1995, 14-19 may, Sarasota, Florida
- Fixation characteristics and saccadic frequency in low vision patients reading with optical aids. X congress of European Society of Ophthalmology Milan Italy 25-29 june 1995
- The self-efficacy mechanism in biofeedback visual rehabilitation of low vision patients affected by optic atrophy. Vision 99 July 12-16 1999 New York USA
- Effect of minification on visual performance in advanced glaucoma. Vision 99 July 12-16 1999 New York USA
- Evaluation of visual function in low vision patients affected by subfoveal neovascularization one year after treatment; perifoveal laser treatment vs photodynamic therapy. Vision 2002 july 21-25 Goteborg Sweden
- Different in quality of vision between two silicon IOLs 911A versus Tecnis Z9000. ARVO 2003 May 4-9 Fort Lauderdale Florida
- Different in quality of vision between two silicon IOLs 911A versus Tecnis Z9000, an experimental comparison through an opto-mechanical eye model. XXI congress of ESCRS. Munich 2003 6-10 September
- Comparison of 2.5% Sodium Hyaluronate with the doft shell technique in cases with hard lens nucleus and Fuchs Endothelial Dystrophy. ARVO 2004 April 26-29 Fort Lauderdale Florida

- Quality of vision with three different IOLs : a study with the support of an experimental eye model. ARVO 2004 April 26-29 Fort Lauderdale Florida
- Qualitative evaluation of IOL imaging performance with an opto-mechanical eye model. XXI congress of ESCRS. Munich 2003 6-10 September
- Evaluation of accuracy of refractive outcomes after phacoemulsification and intraocular lens implantation using manual keratometry, placido-based corneal topographer and automated keratometry. XXIX congress of ESCRS Vienna 17-21 September 2011

Video presentations at International Meetings

- Crater-chop and flip technique for phacoemulsification of brunescant cataract. XXIII congress of ESCRS. Lisbon 2005 10-14 september
- Phacoemulsification in crowded eye: watch out. ASCRS Chicago 4-9 april 2008
- Cataract extraction and conjunctival flap. XXVIII congress of ESCRS Paris September 2010
- Cataract extraction after lamellar keratoplasty in ROP. XXVIII congress of ESCRS Paris September 2010
- Cataract extraction after lamellar keratoplasty in ROP. ASCRS Boston 9-14 April 2010
- Phacoemulsification in extreme zonular weakness. ASCRS Boston 9-14 April 2010
- An unusual case of clear lens extraction. ASCRS April 2011
- Hit the target. ASCRS Chicago April 20-24 2012
- Hit the target. XXX congress of ESCRS 8-12 September 2012 Milan

- Surgical Approach of Multiple Iris Stromal Cysts After cataract Removal in Juvenile Uveitis. ASCRS San Diego April 17-21 2015
- A Sputnik lens landed on iris. XXXVII congress of ESCRS 14-18 September Paris 2019

Monday, 09 November
2020

Dott. Francesco Fasce