



## **Dr Jorge Cazal**

IMO Department of Cornea, Cataract and Refractive Surgery,  
Institute of Eye Microsurgery, Grupo Miranza.

## **Curriculum Vitae**

### **Professional profile**

Doctor specialising in cornea and refractive surgery at IMO, Institute of Eye Microsurgery, Grupo Miranza.

Associate professor at the Autonomous University of Barcelona. Department of Morphological Sciences. Faculty of Medicine since 2008.

### **Education**

Concilium Europeum Ophthalmologiae, Diploma in Ophthalmology. Examined in Paris, May 2010. Fellow of European Board of Ophthalmology (F.E.B.O.)

Master: Anterior Segment Surgery Institute. Anterior Segment Surgery Institute. Barcelona, Spain, October 2003 - October 2006.

Fellowship: Cornea, Refractive Surgery and External Pathology. Buxton Eye Associates- New York Eye and Ear Infirmary New York City, USA: April 1999 - April 2000

Ophthalmology Residency: Benjamin Constant Institute, University of Rio de Janeiro (UNI-RIO). Rio de Janeiro, Brazil: January 1994 - March 1997

Faculty of Medicine: National University of Asunción, Paraguay, Doctor of Medicine and Surgery, December 1993.

School: Santa Clara, Asunción – Paraguay Humanistic Bachelor, December 1987.

## Accreditations and Associations in Ophthalmology

Accreditation of the Title of Specialist in Ophthalmology obtained in Brazil to the Spanish Title of Specialist in Ophthalmology. Theoretical/practical test Madrid, March 2008.

Accreditation of the Title of Doctor of Medicine and Surgery obtained from the National University of Asunción (Paraguay) to the Spanish Title of Bachelor of Medicine. Madrid 18 February 2004.

Registration of the Bachelor of Medicine Degree in the Official College of Doctors of the Province of Barcelona-Catalunya. 19 October 2004 (C No. 39227)

Certification from the Brazilian Council of Ophthalmology, Specialist Title: Theoretical/practical exam approved in March 1996.

Specialist Doctor Registry: State of Rio de Janeiro, Brazil, Issued 1997.

Doctor Registry: Asunción, Paraguay. Issued 1994.

### **Professional activity**

Doctor specialising in cornea and refractive surgery at IMO, Institute of Eye Microsurgery, Grupo Miranza.

Associate professor at the Autonomous University of Barcelona. Dept. of Morphological Sciences. Faculty of Medicine since 2008.

### **Specialisation**

Specialist in advanced techniques for the correction of Myopia, Presbyopia, Astigmatism and Hyperopia.

First surgery with Excimer Laser, performed for the treatment of myopia using the LASIK technique in February 1998.

Area of interest: Presbyopia, Myopia, Cataract, Dry Eye, Blepharitis.

## Certified skills

Certification for Intraocular Implants in phakic patients by Ophtec House (Holland), Staar (Switzerland), Alcon (USA).

Certification for the implantation of INTACS/Keraring Ring Segments for the treatment of Keratoconus. (Addition Technology /Mediphacos)

NIIOS certification (Netherlands Institute for Innovative Eye Surgery) DALK/DMEK. Clinical Wet Lab Course, November 2012.

## University experience

### University experience

Descriptive Anatomy Instructor. Chair of Anatomy, National University of Asunción, Paraguay. 1989-1992.

Associate Professor of Clinical Ophthalmology and Contactology at the Polytechnic University of Catalonia 2007-2008.

Associate Professor of Human Anatomy and Embryology. Autonomous University of Barcelona. November 2008-2015

## Societies and affiliations

Brazilian Ophthalmology Society. Member from November 1994 – present.

European Society for Refractive and Cataract Surgery. Member from 2004 – present.

## Civic activities

Volunteer at McPherson & McHuley Hospital, Hotel, MI. USA, January to March 1991.

Volunteer Surgeon for the Project for the underprivileged: "Free Zone Cataract" Helen Keller Foundation, Sao Paulo, Brazil. June 1997

## Research

Clinical Researcher at the Presbyopia Unit University Centre of Vision. Terrasa School of Optics and Optometry. UPC

Clinical Study of Scleral Implant Surgery, 2013-2015, Associate

Researcher, Mutua de Terrassa University Hospital.

Clinical Study on the Efficacy of the Multifocal Intraocular Implant.  
Multicentre Protocol sponsored by Ophtec. 2015

## Bibliography

1. Accommodative intraocular lens tilting Am J Ophthalmol. 2005 Aug;140(2):341-4Cazal JO, Lavin-Dapena C, Marín J, Vergés C. PubMed PMID: 16086970.
2. Evaluation of corneal shape and biomechanics before LASIK. Int Ophthalmol Clin. 2011 Spring; 51(2):11-38.Ambrósio R Jr, Nogueira LP, Caldas DL, Fontes BM, Luz A, Cazal JO, Alves MR, Belin MW. PMID: 21383577
3. Variability of subjective classifications of corneal topography maps from LASIK candidates. J Refract Surg. 2013 Nov; 29(11):770-5. doi:10.3928/1081597X-20130823-01. Epub 2013 Aug 30. PubMed PMID: 23980708 Ramos IC, Correa R, Guerra FP, Trattler W, Belin MW, Klyce SD, Fontes BM, Schor P, Smolek MK, Dawson DG, Chalita MR, Cazal JO, Ruiz M, Randleman JB, Ambrósio R
4. Santos P, Martínez-Roda JA, Ondategui JC, Díaz-Doutón F, Cazal JAO, Vilaseca M. System based on the contrast of Purkinje images to measure corneal and lens scattering. Biomed Opt Express. 2018 Sep 18; 9(10):4907-4918. doi: 10.1364/BOE.9.004907. PMID: 30319911; PMCID: PMC6179394.
5. Verges C, Cazal J, Lavin C. Surgical strategies in patients with cataract and glaucoma. Curr Opin Ophthalmol. 2005 Feb;16(1):44-52. doi: 10.1097/00055735-200502000-00008. PMID: 15650579

