

CURRICULUM VITAE

Marcos Muñoz M.D.



PERSONAL DETAILS

Name: **Marcos Muñoz**

Current position:

- MEMBER OF THE GLAUCOMA DEPARTMENT, INSTITUT CATALÀ DE RETINA.

1. WORK EXPERIENCE

- 2015- 2023** Head of Emergency Department
Institut Català de Retina (Barcelona, Spain)
- 2014 - 2015** Head of General Ophthalmology Department
Institut Català de Retina (Barcelona, Spain)
- 2011 - present** Ophthalmologist
Glaucoma and General Ophthalmology
Departments
Institut Català de Retina (Barcelona, Spain)
- 2011 - 2015** Ophthalmologist
Mollet Medical Center (Mollet del Valles, Spain)
- 2001 - 2005** Ophthalmologist
Maldonado Bas Eye Clinic (Cordoba, Argentina)
- 2002** Observership: Neuro Ophthalmology Department
British Hospital of Buenos Aires (Argentina)
Duration: 2 months

2. ACADEMIC DETAILS

- 2015 – 2019** PhD in Health Sciences
*Universidad Internacional de Catalunya
(Barcelona, Spain)*
- 2015 – 2017** Member of International Glaucoma Panel (IGP) and
Mentoring Program.
Menthor Prof. David Garway- Heath
V Edition (2015-2017)
- 2011 - 2012** Master of Glaucoma
College of Medicine, University of Barcelona
- Organized by Institut Català de Retina

- 2007 - 2012** Certificate of Research Proficiency
Autonomous University of Barcelona
- Part of Coursework for PhD in Surgery
 - Topic of paper: Utility Toric Intraocular Lenses in Patients with Astigmatism and Cataract
 - Directors: Dr. M. Castilla, Dr. Ana Martinez Palmer
- May 2011** Board Certified Ophthalmologist in Spain
Médico Interno Residente (MIR): Spanish equivalent of the Boards
Hospital del Mar / Hospital de l'Esperança
(Barcelona, Spain)
- 2007 - 2011** Internal Medical Resident; Service of Ophthalmology
Hospital de l'Esperança / Hospital del Mar
(Barcelona, Spain)
- ER Ophthalmology in Emergency Department
Hospital de Bellvitge (Barcelona, Spain)
2010 - 2011
 - ER Ophthalmology in Emergency Department
Hospital de la Santa Creu i Sant Pau
(Barcelona, Spain)
2007 – 2009
 - Orbit and Oculoplastics Department
Hospital de Bellvitge (Barcelona, Spain)
October 2009
 - Pediatric Ophthalmology
Hospital Sant Joan de Deu
July - Aug 2009
- 2005 - 2006** Master of Diagnosis and Treatment of Cataract and Glaucoma
Barraquer Institute (Barcelona, Spain)
- 2004** Official Recognition of Argentine Medical Surgeon Degree in Spain
Ministry of Education, Culture and Sports of Spain
- Argentine Medical Surgeon Qualification recognized by Spanish Government and given the status of Spanish Bachelor of Medicine
- 2001** Board Certified Ophthalmologist in Argentina

Ophthalmology Medical Council: Argentinian equivalent of the Boards (Cordoba, Argentina)

1998 - 2001 Medical Resident; Service of Ophthalmology
Maldonado Bas Eye Clinic (Cordoba, Argentina)

1991 - 1997 Medical Doctor Degree
National University (Cordoba, Argentina)

LANGUAGES AND OTHER SKILLS

Spanish Native

English *Written: advanced*
Spoken: advanced

Catalán *Written: advanced*
Spoken: advanced

- **Degree in Photography:**

Medical Photography, Analog and Digital Photography; Adobe PhotoShop
Argentine School of Photography (2002 – 2004)

3. AWARDS

2012 Best Oral Communication (3rd Place); Received as coauthor
Presented at 43rd Congress of the Catalan Society of Ophthalmology

- Title: Effect hypotensive Cypass suprachoroidal implant surgery combined with facoemulsification

2005 Joaquin Rutllan Award: Second Accesit
Awarded by the Barraquer Institute
Title: Penetrating keratoplasty ultrasonic pachymetry. Its usefulness as an endothelial function parameter.

4. RESEARCH

2017 European Glaucoma Society. Members Meeting
Next Generation Partnership Course
Participated as helper
London, UK

2015 - present Archives of the Spanish Society of Ophthalmology
Peer Reviewer

2013 British Journal of Ophthalmology
Peer Reviewer

2017- on going Preservative-free fixed dose combination of XXX in patients with open-angle glaucoma or ocular hypertension: clinical efficacy, tolerability and safety in the real world.
Promoter: SANTEN
Associate Researcher

2017 – on going A prospective, double-masked, randomized, multicenter, active controlled, parallel-group, 6-month study assessing the safety and ocular hypotensive efficacy of XXX Ophthalmic Solution compared to YYY Ophthalmic Solution in subjects with elevated intraocular pressure.
Promoter: AERIE.
Associate Researcher

- 2017 – on going** A Comparison of XXX to Selective Laser Trabeculoplasty in Patients with Open-Angle Glaucoma or Ocular Hypertension.
Promoter: ALLERGAN
Associate Researcher
- 2015 – on going** The Efficacy and Safety of XXX in Patients With Open-angle Glaucoma or Ocular Hypertension.
Promoter: ALLERGAN.
Associate Researcher
- 2014 – on going** Evaluation of the effect of XXX and the compound YYY on the visual function of patients with glaucoma.
Promoter: ICR.
- 2013 – 2015** Efficacy and safety of XXX in comparison with YYY and ZZZ, in patients with primary open angle glaucoma or ocular hypertension, established with YYY, with ocular surface intolerance.
Promoter: IRIS PHARMA.
- 2012 - 2016** Efficacy and safety of combined surgery Implant Express
A prospective, multicenter, comparative study
Promoter: Alcon Inc.
Research Coordinator
- 2013 - 2014** Comparison of Latanoprost 50 ug/ml drops vs. Xalatan drops in the treatment of open angle glaucoma (QTM 111)
Promoter: Quantum
Associate Researcher
- 2012 - 2013** Dose finding trial (SYL040012) to evaluate tolerability and effect on intraocular pressure in patients with ocular hypertension or open angle glaucoma
Promoter: Sylentis S.A.U.
Associate Researcher

- 2012 - 2013** A phase III, randomized, double masked six month clinical study to compare the efficacy and safety of the preservative free fixed dose combination of latanoprost 50 ug/ml and timolol 5 mg/ml eye drops with those of Xalacom drops in patients with open angle glaucoma or ocular hypertension (QTM211)
Promoter: Quantum Inc.
Associate Researcher
- 2008 - 2011** Protocol Phase I multicenter ROCHE Code: NO21895 (antitumor drug)
Associate Researcher: Ophthalmological follow-up
Coordinated by the Oncology Service of Hospital del Mar

5. PUBLICATIONS

- 2015-2017** Emerging trends and hot topics in glaucoma from the 2015, 2016 and 2017 ARVO annual meetings
Co – author
Ocular Surgery News and European Society of Ophthalmologist newsletters.
- 2016** Comparison of Risk Factor Profiles for Primary Open-Angle Glaucoma Subtypes Defined by Pattern of Visual Field Loss: True Risk Factors or Arbitrary Definition?
Letter to the editor. Co-author. Writing Committee for the European Glaucoma Panel
Invest Ophthalmol Vis Sci. 2015 Oct;56(11):6531. doi: 10.1167/iovs.
- 2015** Circadian Arterial Blood Pressure Variation and Glaucoma Progression: More Questions Than Answers?
Letter to the editor. Co-author. Writing Committee for

the European Glaucoma Panel

Am J Hypertens. 2015 Sep;28(9):1182-3. doi:
10.1093/ajh/hpv096. Epub 2015 Jun 23.

2012

Notes for Master of Ophthalmological Nursing:
Module 2 Anterior Segment
Co-author

- Conducted by: Institut Català de Retina, University of Barcelona

2006

Ultrasonic pachymetry in follow up of penetrating keratoplasty. Its utility as a parameter of endothelial function

First author

- Published in Annals of the Barraquer Institute (Barcelona, Spain) 35:6372 (2006)

6. PRESENTATIONS

ORAL COMMUNICATIONS:

Set 2016

Speaker in the Special Interest Symposium (SIS) on G - You tube: different tubes for different glaucomas. *EVER meeting 2016. Nize*

May 2015

Speaker at the symposium: Combined surgery with ExPRESS device vs. Nonpenetrant deep sclerotomy *Controversies in glaucoma meeting. XV Edition. Madrid*

Mar 2015

The Ex-PRESS glaucoma shunt versus non penetrant deep sclerectomy in open-angle glaucoma: a prospective randomized study, Preliminary results *10th Congress of Spanish Glaucoma Society. Madrid*

- Mar 2014** First continuing education course of Glaucoma
Topic: Early detection of glaucoma. Tips to detect progression in the visual field.
Galicia Ophthalmology Society – Santiago de Compostela
- 2012 - 2015** Clinical Sessions Presentations
Institut Català de Retina
- *Relational database in research*
 - *Ocular Trauma*
 - *Zotero 3.0: Reference Administration Program*
 - *Visual field: altitudinal defects*
- November 2012** Hypotensive effect in Cypass suprachoroidal implant surgery combined with phacoemulsification
43rd Congress of the Catalan Society of Ophthalmology
- November 2011** Telemedicine in glaucoma
XXXIII Annual Congress of Northern Ophthalmological Association
(Pamplona, Spain)
- June 2011** Presentation of Surgical Case: Ahmed implant in aniridia
25th Anniversary Congress of ICR: Present and Future of Glaucoma and Neuroophthalmology
(World Trade Center, Barcelona, Spain)
- November 2010** Toric Intraocular Lenses Vs. Intraocular Lens Plus Paired Incisions In Cataract Surgery
41st Congress of the Catalan Society of Ophthalmology
- February 2010** Doctoral Course Presentations
Hospital de l'Esperança
- *Phacoemulsification and Intraocular Pressure*
 - *Current Trends in the Use of Multifocal Intraocular Lenses*

- Interpretation of the results of the Optic coherence tomography in Glaucoma

2007 - 2010

Department of Ophthalmology General Sessions Presentations.

Hospital de l'Esperança, Hospital Sant Joan de Deu

- Artificial Retina
- Diabetic Retinopathy
- Dissociated Vertical Deviation
- Optic Nerve Hypoplasia and in Slit Ventricle Syndrome
- Congenital Optic Nerve Pathology
- Vertical Strabismus
- Altitudinal hemianopias
- Evidence Based Ophthalmology
- Conjunctival MALT lymphoma and Kaposi sarcoma Eyelid: two Cases
- Penetrating Keratoplasty Rejection: Diagnosis and Treatment
- Pigmented Lesions of the Conjunctiva
- Commitment Tumors Eye on Selar and Parasellar Region
- Standardization and Constants for Calculating Intraocular Lenses

November 2007

Pachymetry Keratoplasty Monitoring
38th Congress of the Catalan Society of Ophthalmology

POSTERS:

May 2017

One year safety and endothelial cell count results. A prospective, randomized comparison of Ex-Press Vs

- Deep Sclerectomy combined surgery in glaucoma patients.
ARVO meeting 2017
- May 2016** Integrated Visual Field and Relative Risk for Quality of Life Loss
ARVO meeting 2016
- May 2016** Evaluation of diagnostic accuracy of portable OCT iVue for the detection of glaucoma
Co-Author. ARVO meeting
- Set 2015** Ex-PRESS glaucoma shunt versus non penetrating deep Sclerectomy In open-angle glaucoma.
ESCRS Meeting. Barcelona
- May 2015** The Ex-PRESS glaucoma shunt versus non penetrating deep Sclerectomy in open-angle glaucoma: a prospective randomized study, Interim results.
ARVO Meeting
- November 2014** Acute angle closed glaucoma solved with steroids. A case of Posterior scleritis
45° Ophthalmology Catalan Society Meeting
- November 2012** Hypotonic Maculopathy Associated with Suprachoroidal Implant
43rd Congress of the Catalan Society of Ophthalmology
- November 2011** Analysis of cost effectiveness of a telemedicine program for glaucoma in primary care
42nd Congress of the Catalan Society of Ophthalmology
- November 2010** Hughes Technique in Eyelid Kaposi Sarcoma
41st Congress of the Catalan Society of Ophthalmology
- September 2010** Telemedicine Screening Program for Glaucoma Using Tonometry, Scanning laser ophthalmoscopy (HRT) and Scanning Laser Polarimetry (GDX)
9th Congress of the European Glaucoma Society (Madrid, Spain)

- November 2008** Toric Intraocular Lens in Patients with Corneal Astigmatism and Cataract
39th Congress of the Catalan Society of Ophthalmology
- November 2007** Fistula Carotideocavernosa Ocular Hypertension
38th Congress of the Catalan Society of Ophthalmology
- November 2007** Traumatic Cataract in Pediatric Age
38th Congress of the Catalan Society of Ophthalmology