



### **Dr. José Luis Güell**

Founding partner of IMO and Coordinator of the Cornea, Cataract and Refractive Surgery Department of the IMO. Doctor of Ophthalmology from the Autonomous University of Barcelona (UAB) and Coordinator of Anterior Segment at the European School for Advanced Studies in Ophthalmology (ESASO) (USI in Lugano). President of the European Society of Cornea and Ocular Surface Disease Specialists (EUCORNEA). Lecturer in the Master's Degree in Cornea and Refractive Surgery and Master's Degree in Anterior Segment of the IMO, Institute of Ocular Microsurgery

License Number: 20.305

## **Curriculum**

### **Professional Profile**

Founding partner and doctor specialising in cornea and refractive surgery at the Ocular Microsurgery Institute, spokesperson for the IMO Foundation and professor on the Master's Course in the Anterior Segment and the Master's Course on Cornea and Refractive Surgery run by the IMO. Coordinator and professor for the ESASO's Cornea and Refractive Surgery Department.

His areas of interest are lamellar and endothelial keratoplasty, complex cataracts surgery, reconstructive procedures for the anterior segment, including keratoprosthesis, refractive surgery, particularly excimer and femtosecond laser, as well as the implant of intraocular phakic lenses (Artisan-Artiflex) and intrastromal corneal rings.

He took a Fellowship in the Cornea Unit of the Cornea and Refractive Surgery Department at Emory University, Atlanta, USA. In 1999, he presented his doctoral thesis with honours entitled *In situ laser-assisted keratomileusis. Development of the technique for the correction of myopia and astigmatism* at Vall d'Hebron University Hospital.

## Training

Dr. José Luis Güell is a graduate in Medicine and Surgery from the Central University of Barcelona (1977-1984). In July 1999, he presented his doctoral thesis with honours entitled "In situ laser-assisted keratomileusis." Development of the technique for the correction of myopia and astigmatism at the Autonomous University of Barcelona.

He completed his residency at the Autonomous University of Barcelona, Vall d'Hebrón Hospital (1986-1989), as well as a Fellowship in the Cornea unit of the Cornea and Refractive Surgery at Emory University, Atlanta (1989).

## Areas of interest

Lamellar and endothelial keratoplasty

Complex cataract surgery

Reconstructive procedures of the anterior segment, including keratoprosthesis (or artificial cornea)

Refractive surgery, especially excimer and femtosecond laser, as well as implanting phakic intraocular lenses (Artisan-Artiflex) and intrastromal corneal rings.

## Research

**Principal researcher.** PREMED. PHASE IV PREVENTION OF MACULAR OEDEMA IN CATARACT SURGERY. PREMED. NON-COMMERCIAL RESEARCH. (NL 42463.068.12)

**Principal researcher.** PRGF-ENDORET. Randomised, parallel-group, multicentre, blind to evaluators clinical trial to evaluate the efficacy and safety of PRGF-Endoret eye drops in patients with stage 2 and 3 neurotrophic keratitis. (BTI-011-EC/15/QUER)

**Principal researcher.** BIOTEK-PADCICLO. PHASE II, MULTICENTRE, RANDOMISED, DOUBLE-MASKED, 4 PARALLEL ARMS, CONTROLLED, 6-MONTH TRIAL DESIGNED TO EVALUATE THE SAFETY AND EFFICACY OF PAD CICLOSPORIN (CsA 0.06% AND 0.03%) OPHTHALMIC DISPERSION ADMINISTERED ONCE DAILY IN COMBINATION WITH

LUBRICANT THERAPY AND A 3-MONTH POST-TREATMENT SAFETY FOLLOW-UP IN MODERATE TO SEVERE DRY EYE PATIENTS. (MC2-03-C1)

“FIS fellowship,” for the project on expansion of limbus stem cells on the amniotic membrane.

“Spanish Cooperative Research Network: Refractive Surgery Sub-project”

“Cultured Autologous Oral Mucosal Epithelial Cell-Sheet Study.” Multicenter European Study

## Memberships

Former President of the European Society of Cataract and Refractive Surgery (ESCRS).

President of the European Society of Cornea and Ocular Surface Disease Specialists (EuCornea).

Associate lecturer in Ophthalmology at the Autonomous University of Barcelona (UAB)  
Scientific coordinator and lecturer on the European School for Advanced Studies in Ophthalmology’s Cornea and Refractive Surgery Module since 2009  
President of Visiometrics SL since 2001

European Chief Medical Officer and member of the Medical Advisory Board of Calhoun Vision since 2007

Member of the Cornea Society since December 2007

Academic member of the Catalan Royal Academy of Medicine since June 2009

Consultant for AMO, Ophtec, Visiometrics, Calhoun, Meditec Zeiss, Thea, Laboratories, Revision Optics (RVO) Companies

Member of the Cornea Committee of “Eye World Latin America” (ALACCSA Magazine) since 2006

Member of the board of the Cornea Subcommittee of the American Society of Cataract and Refractive Surgery (ASCRS) since 2006

Member of the ISRS International Council representing Spain since 1998

Vice president of the Spanish Society of Ocular Refractive Implant Surgery (SECOIR)  
2004-2008

- Medical Science Academy of Catalonia and the Balearics
- American Academy of Ophthalmology
- American Society of Cataract and Refractive Surgery
- Cornea Society
- European Society of Cataract and Refractive Surgery - ESCRS (past president)
- European Society of Cornea and Ocular Surface Disease Specialists - EuCornea (past president)
- International Society of Refractive Keratoplasty
- International Society of Refractive Surgery
- Royal Academy of Medicine of Catalonia
- Catalan Ophthalmology Society
- Spanish Society of Ocular Refractive Implant Surgery - SECOIR (deputy secretary)
- Spanish Contactology Society
- Spanish Ophthalmology Society
- French Ophthalmology Society

## Recent publications

C.D. Ponce, D. Elies, O. Gris, **Güell J.L.**. Capítulo 15: Bases Ópticas de las lentes intraoculares multifocales refractivas. Pag 229-233. Chapter 27-2-2: Plataforma Carl-Zeiss (MEL 90) H. Pallas, J.L.. Güell, D. Elies, O. Gris, F. Manero. Pag 340 Monografía 2015. Óptica para el cirujano facorefractivo. Instituto Microcirugia Ocular de Barcelona. Editores: Ramón Ruiz Mesa/Pedro Tañá Rivero. Elsevier. Monografías SECOIR. Nº 17.

Allon Barsam MD, MA, FRCOphth; **Güell JL.**, MD, PhD; Johann A. Krüger, MMed, FCS(SAophth), FRCS; Jennifer Loh, MD; William B. Trattler, MD; Oukun Muftuoglu, MD; and Pavel Stodulka, MD, PhD. Worldwide Update on Lasik A look at procedure volumes and the prospects for a revival of markets on a country-by-country basis. CRST July/August 2016

**Güell JL.**, Daniel Elies, Honorio Pallas, Felicidad Manero. Capítulo 11: Lente Intraocular fáquica y cataratas. Videos 11-1: Cataratas en portador de lente fáquica de cámara

anterior. Video 11-2: Cataratas en portador de lente fáquica de cámara posterior.  
Video 11-3: Cataratas en portador de lente PRL. Monografía 2016. Complicaciones en la cirugía del cristalino. Francisco Poyales. Elsevier. Monografías SECOIR. ISBN (Versión impresa): 978-84-9113-034-5. ISBN (Versión Electrónica): 978-84-9113-079-6.

**Güell JL**, El Husseiny M, **Morral M.**, et al. Descemet Membrane Endothelial Keratoplasty: Update on Endothelial Transplantation Techniques. In: Güell JL (ed): Cornea. ESASO Course Series. Basel, Karger, 2015, vol 6, pp 102-123

**Güell J.L.**, Oscar Gris, Daniel. Elies, Felicidad Manero, Merce Morral Chapter 146. Indications for and uses of Amniotic Membrane. 2016 Elsevier Editorial (in press) Cornea 4e by Mark J Mannis and Edward J Holland.

Gris O., Barbany M., **Güell JL**, Elies D. Capítulo 1.7 Superficie Ocular y queratoplastia. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL**, Segovia E., Celis J., Gris O., Barbany M., Morral M. Capítulo 5.4.4. Queratoplastia laminar anterior profunda: técnica de viscodisección. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

Gris O., **Güell JL**, Elies D. Capítulo 5.6.4. Complicaciones postoperatorias de la queratoplastia laminar anterior profunda. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL**, Segovia E., Celis J., Gris O., Barbany M., Morral M. Capítulo 7.2.4. Queratoplastia descemeto-endotelial:técnica bimanual. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL**, Segovia E., Celis J., Gris O., Barbany M., Morral M. Capítulo 7.3.3. Queratoplastia descemeto-endotelial y cirugía vítreo-retiniana. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL**, Segovia E., Celis J., Barbany M., Morral M. Capítulo 7.5.1 Complicaciones intraoperatorias de la queratoplastia descemeto-endotelial. Queratoplastias: Nuevas

técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL.**, Segovia E., Celis J., Barbany M., Morral M. Capítulo 7.5.3 Complicaciones postoperatorias tras la queratoplastia descemeto-endotelial. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL.**, Segovia E., Celis J., Barbany M., Morral M., Verdaguer P. Capítulo 7.6 Resultados de la queratoplastia descemeto-endotelial: comparación con otras técnicas. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL.**, Segovia E., Barbany M., Morral M. Capítulo 7.7.2 Queratoplastia descemeto-endotelial en el síndrome endotelial iridocorneal. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

**Güell JL.**, Segovia E., Barbany M., Morral M. Capítulo 7.7.5 Queratoplastia descemeto-endotelial en ojo con injerto penetrante fallido y múltiples cirugías previas. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

Pallás JH., **Güell JL.**, Segovia E., Gris O., Manero F. Capítulo 8.4.1 Queratoprótesis de Boston tipo I: técnica quirúrgica y postoperatorio. Queratoplastias: Nuevas técnicas para el siglo XXI. Sociedad Española de Oftalmología. 2016. ISBN: 978-84-89085-62-6

Jose A.P Gomes, Donald Tan, Christopher Rapuano, Michael W Belin, Renato Ambrosio, **Güell J.L.**, Francois Malecaze, Kohji Nishida, Virender Sangwan, The Group of Panellist for the Global Delphi Panel of Keratoconus and Ectatic Diseases. Global Consensus of Keratoconus and Ectatic Diseases. Special Article. Cornea 2015; 34(4):359–369

Paula Verdaguer, Oscar Gris, Ricardo Casaroli-Marano, Daniel Elies, Gerardo Muñoz Gutierrez, **Güell J.L.** Intraocular lens opacification after endotelial keratoplasty as analyzed by enviroment scanning electron microscopy. Cornea 2015. Aug ;34(8):972-5. doi:10.1097/ICO.0000000000000468

Mohamed Ziae, Allon Barsam, Neda Shamie, David Vroman, Terry Kim, Eric D. Donnenfeld, Edward J. Holland, John Kanellopoulos, Francis S. Mah, Bradley Randleman, Sheraz Daya, **Güell J.L.** for the ASCRS Cornea Clinical Committee.

Reshaping procedures for the Surgical management of Corneal Ectasia. J Cataract Refractive Surgery 2015;41:842-872 .

**Güell J.L.**, Verdaguer P, Elies D, Gris O, Manero F. Persistent stromal scar after PRK and CXL: different preoperative findings, similar complication. J Refract Surg 2015 Mar;31(3): 211-2

Lago MA, Ruperez MJ, Martinez-Martinez F, Montserrat C, Larra E, **Güell J.L.**, Peris-Martinez C. A New methodology for the in vivo estimation of the elastic constants that characterize the patient- specific biomechanical behavior of the human cornea. J Biomech 2015 Jan 2;48(1):38-43. Doi: 10.1016/j.biomech.2014.11.009. Epub 2014 Nov 15

Barbany M, Gris O, **Güell J.L.** Therapeutic sectorial full-thickness sclero-keratoplasty for recurrent fungal keratitis. Arch Soc Esp Oftalmol 2014. Pii: S0365-6691(14)00184-1:doi. 10.1016/j.oftal.2014.04.024 (Epub ahead of print)

**J.L. Güell**, M. Morral, O.Gris, D. Elies, F. Manero. (Manuscript 2015-35) Comparison of 20% SF6 versus air as Tamponade in Descemet membrane Endothelial Keratoplasty. Ophthalmology 2015;-1-8 2015. <http://dx.doi.org/10.1016/j.ophtha.2015.05.013>.

Mohammed Ziae, MBChB (Hons), FRCOphth, Allon Barsam, MD, FRCOphth, Neda Shamie, MD, David Vroman, MD, Terry Kim, MD, Eric D. Donnenfeld, MD, Edward J. Holland, MD, John Kanellopoulos, MD, Francis S. Mah, MD, J. Bradley Randleman, MD, Sheraz Daya, MD, FACP, FACS, **Güell J.L.**, MD, PhD, for the ASCRS Cornea Clinical Committee. Reshaping procedures for the surgical management of corneal ectasia. J Cataract Refract Surg 2015; 41:842–872 Q 2015 ASCRS and ESCRS

Anders Behndig, MD, PhD, Beatrice Cochener-Lamard, MD, PhD, **Güell J.L.**, MD, PhD, € Laurent Kodjikian, MD, PhD, Rita Mencucci, MD, PhD, Rudy Nuijts, MD, PhD, Uwe Pleyer, MD, PhD, Paul Rosen, MD, PhD, Jacek Szaflak, MD, PhD, Marie-Jose Tassignon, MD, PhD, Surgical, antiseptic, and antibiotic practice in cataract surgery: Results from the European Observatory in 2013. J Cataract Refract Surg 2015; 41:2635-2643. DOI: <http://dx.doi.org/10.1016/j.jcrs.2015.06.031>

**Güell J.L.**, Verdaguer P, Mateu-Figueras G, Elies D, Gris O, El Husseiny MA, Manero F, Morral M. SMILE Procedures With Four Different Cap Thicknesses for the Correction of Myopia and Myopic Astigmatism. [J Refract Surg](http://dx.doi.org/10.1016/j.jrefractsurg.2015.09.001). 2015 Sep 1;31(9):580-5.

**Güell J.L.**, Verdaguer P, Elies D, Gris O, Manero F. Corneal impairment in a patient with type 2 dystal arthrogryposis. Eye Contact Lens 2015 Jan ;41(1): e5-8. Doi.10.1097/ICL.0b013e3182a2f881

**Güell J.L.**, THEA Evaluation of the efficacy and safety of a standarized intracameral combination of mydriatics and anesthetics for Cataract surgery. Ethics Board. (IN PRESS)2016

Anders Behndig, MD, PhD, Beatrice Cochener-Lamard, MD, PhD, **Güell J.L.**, MD, PhD, Laurent Kodjikian, MD, PhD, Rita Mencucci, MD, PhD, Rudy Nuijts, MD, PhD, Uwe Pleyer, MD, PhD, Paul Rosen, MD, PhD, Jacek Szaflak, MD, PhD, Marie-Jose Tassignon, MD, PhDSurgical, antiseptic, and antibiotic practice in cataract surgery: Results from the European Observatory in 2013. J Cataract Refract Surg 2015; 41:2635-2643.

DOI: <http://dx.doi.org/10.1016/j.jcrs.2015.06.031>

Morral M, **Güell J.L.**, El husseiny M, Elies D, Gris O, Manero F. Paired-Eye comparison of corneal endothelium cell counts after Unilateral Iris-Claw Phakic Intraocular Lenses. J Cataract Refract Surg 2016; 42:117–126

“Optical quality and Visual performance in Patients with Cornea Diseases.” Submitted in Cornea. March 2016 by Meritxell Vilaseca. (reviewing process) Dr. **Güell J.L.** as a co-author

Omar A. Barrada, MD1,2; Marizol Gonzales, MD2 ; Celso D. Ponce, MD2 ; **Güell J.L.**, Needle versus VacuFix enclavation of iris fixated intraocular lenses. J Emmetropia 2016; 1: 23-31

Verdaguer P, **Güell J.L.**, Mateu-Figueres G, Elies D, Gris O, Manero F, Morral M. Unilateral Iris-claw Intraocular Lens Implantation for Aphakia: A Paired-Eye Comparison. Accepted at the Cornea Journal on July 2016

**Güell J.L.** MD, Sadeer Hannush MD, Emilio Segovia MD, Elena Arrondo MD, Oscar Gris MD , Maria V. Gomez-Resa MD , Carlos Mateo MD, Soledad Cortina MD, Jaime Echevarria MD,Merce Morral MD. Innovations in management of complications. Journal Current Ophthalmology reports. DOI: 10.1007/s40135-016-0106-z Editor, Dr. Jose de la Cruz and Editor in Chief, Dr. Victor Perez. *Ocular prosthesis* section in Current Ophthalmology Reports published by Springer.

**Güell JL**, Barrada O. *Intracorneal Inlays-Special Focus on the Raindrop. Section Anterior Segment Cornea/External Disorders.* European Ophthalmology European ophthalmic

Review 2014;8(1): Epub ahead of print. European ophthalmic Review 2014; 8(1). Summer 2014: 23-30.

Ponce C, **Güell JL**. *EuCornea Case Clinic*. Volume 2, Issue 1/ July/August 2014. EuCornea News. *Online*.

**Güell JL**. *Risk of late graft failure. Cataract surgery with previous corneal transplant*. European Ophthalmology news. September 2014; 19

**Güell JL**. El Husseiny M, Manero F, Elies D, Gris O. Artisan-Verysise Lens Secondary Implantation in Aphakic Eyes. Journal of the Egyptian Society of Cataract and Refractive Surgery. 2014 February; Cataract & Cornea-Volume 20:1-10

**Guell JL**. September Consultation #4. J Cataract refract. Surg. 2014. Sep;40 (9):1573: discussion 1575. Doi.10.1016/j.jcrs.2014.07.021

Behndig A, Cochener-Lamard B, **Guell JL**, Kodjikian L, Mencucci R, Nuijts R, Pleyer U, Rosen P, et al. *Surgical, Antiseptic and Antibiotic Practice in Cataract Surgery: results from the European Observatory in 2013*. J Cataract Refarct Surg 2014 May; 30 (5):336-41. Doi: 10.3928/1081597X-20140319-01 Epub 2014 Mar 26

**Güell JL**, El Husseiny MA, Manero F, Gris O, Elies D. *Historical review and update of surgical treatment for corneal endothelial diseases*. Ophthalmol Ther 2014; 3: 1-15.

Behndig A, Cochener B, **Güell JL**, et al. The European Team for the propHylaxis of Infection in Cataract Surgery (ETHICS group)<sup>1</sup>. *Endophthalmitis prophylaxis in cataract surgery: overview of current practice patterns in nine European countries*. J Cataract Refract Surg 2013;39(9):1421-1431 doi.10.1016/j.jcrs.2013.06.014 Review

**Güell JL**, M.Morral, O. Gris, D. Elies, F. Manero *Bimanual Technique for Insertion and Positioning of Endothelium-Descemet Membrane Graf Descemet Membrane Endothelial Keratoplasty*. Cornea 2013; 32(12): 1521–1526. Doi:10.1097/ICO.0b013e3182933aee

**Güell JL**. Editorial. *Time expanding options in Laser Corneal Refractive Surgery*. Br. J ophthalmol 2013; Aug.97(8):951-952. Doi.10.1136/bjophthalmol-2012-302929.

**Güell JL**. *Experience with the Raindrop inlay in emmetropic patients*. Based on the Raindrop presentation that Dr. Güell gives in Amsterdam ESCRS 2013

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Verdaguer P, El Husseiny M, Elies D, Gris O, Manero F, **Güell JL.** *Small incision lenticule extraction (SMILE) procedure for the correction of myopia and myopic astigmatism.* J Emmetropia 2013;4:191-196

**Güell JL**, Verdaguer P, Elies D, Gris O, Manero F, Mateu-Figueras G, Morral M. *Secondary iris-claw anterior chamber lens implantation in patients with aphakia without capsular support.* Br J Ophthalmol 2014; 98: 658-63.

**Güell JL**, Verdaguer P, Elies D, Gris O, Manero F, Mateu-Figueras G, Morral M. *Secondary iris-claw anterior lens implantation in patients with aphakia without capsular support.* Br J Ophthalmol. 2014 May;98(5).658-63. doi: 10.1136/bjophthalmol-2013-304035. Epub 2014 Jan 31

**Güell JL.** Response. Grand Round. Case Consultation. Journal of Emmetropia. January-March 2013. Volume 4. Number 1. Pag 26

**Güell JL**, Verdaguer P, Elies D, Gris O, Manero F. *Corneal impairment in a patient with type 2 distal arthrogryposis.* Eye Contact Lens 2013; Nov 27

Assia E, Bellucci R, El Danasoury A, Snyder ME, Cochener B, Kohnen T, Moshirfat M, Edmonds JN, **Güell JL.** *Refractive surgical question.* March Consultation. J Cataract refract Surg 2013 Mar;39(3):475-80. Doi. 10.1016/j.jcrs.2013.01.008.

## Conferences and courses

**Güell JL.** (2016) Speaker. Keratoconus. 38th North of Spain Ophthalmology Association Conference. Santander

**Güell JL.** (2016) 1) Moderator. 1. Corneal Complications of Refractive Surgery 2. Instructional Course 2. Lamellar Complications. 2) Speaker: 1. How I do it. Topic: DMEK for failed PK 2. Main Symposium 3: EuCornea/ESCRS Symposium. Modern Corneal Transplantation. Topic: When is a re-graft indicated? 3. Focus Session 5. Ocular injuries. Topic: Traumatic epithelial downgrowth-prevention and repair 4. Instructional Course 2. Lamellar Complications. Topic: DMEK nightmare 5. Challenging cases presented by the Experts. Topic: Small diameter DMEK in the presence of broad PAS. 7th EuCornea Congress. Copenhagen

**Güell JL.** (2016) 1) Refractive Surgery Didactic Course. Topic: refractive reoperations and enhancements 2) ESCRs/EuCornea Symposium. Topic: When is a re-graft indicated? 3) Instructional Course. IC-40. Topic: Comprehensive Keratoplasty

techniques (Part I). Topic: Pearls surgical management of photokeratoplasty astigmatism  
4) Instructional Course. IC-41. Comprehensive keratoplasty techniques (Part 2). Topic: Surgical technique in anterior lamellar keratoplasty. Topic: Additional surgery during keratoplasty. Cataract, vitrectomy and iris reconstruction 5) Ridley Medal Lecture 2016. Topic 30 years of iris claw IOLs 6) Panellist. Video Symposium on Surgical complications "you make the call" 6) Instructional Course IC-77. Keratoconus: from diagnosis to treatment-the current state of the art 7) Instructional Course IC-96. Modern diagnostic and therapeutic techniques for irregular cornea 8) Moderator. Eurotimes satellite Education programme. Towards Less Drops in Cataract Surgery 9) Thea Events EyCATS. Topic: A New Intracameral solution to safety manage mydriasis 10) Poster. Unilateral Iris-claw intraocular lens implantation for aphakia: a paired-eye study. P. Verdaguer, M. Morral, D. Elies, O. Gris, F. Manero, J. Güell. 11) Free communication. Astigmatism management in cataract surgery with a new aspheric toric intraocular lens. M. Morral, J. Amich, D. Elies, F. Manero, J. Güell. 34th ESCRS Congress. Copenhagen

**Güell JL.** (2016) 1) Module director 2) Speaker. Basic Science anatomy physiology pathological responses of the Cornea. Amniotic membrane 3) Posterior lamellar surgery concept and techniques 4) Case Presentation 5) Wetlab of Bigg bubble and deep lamellar dissection and Artiflex phakic and aphakic IOL implantation. 6th Module 2016. Cornea and Corneal Refractive Surgery. Lugano

**Güell JL.** (2016) Speaker. Reinterventions. 13th AEGEAN Cornea. Crete

**Güell JL.** (2016) 1) Surgeon. Live surgery: DMEK 2) Panellist. Clinical cases presented by young Italian ophthalmologists (GOI) 3) Speaker. DMEK tips and tricks. 15th SICSSO Congress. Caserta

**Güell JL.** (2016) 1) Moderator. SECOIR-EuCornea Symposium. Anterior lamellar keratoplasty 2) Speaker. OPHTEC: Tribute to JAN WORST In memoriam 3) Free communication session. Precizone® aspheric intraocular lens for the management of astigmatism in cataract surgery (author). 31st Spanish Society of Ocular Refractive Implant Surgery (SECOIR) Conference. Murcia

**Güell JL.** (2016) Speaker 1. Opening lecture: News and surgical combinations in corneal endothelium transplantation 2. Aspects of the ocular surface and cataract surgery 3. Artiflex vs ICL 4. Re-treatments after SMILE. COEP Course 2016. Puebla (Mexico)

**Güell JL.** 2016) Speaker. ESCRS Symposium. New technology from the old world assessment by the new world: Transitional conic Toric IOLs. ASCRS-ASOA Symposium. New Orleans

**Güell JL.** (2016) 1) Chair. What is astigmatism. The evaluation and the cause 2) Chair. Session 3: Outcomes analysis, follow up and correction of unexpected events. 1. Topic: Transitional Conic Toric IOLs optics and 2 year clinical results. 2. Topic: Video Surgery 3) Chair. Session 4.1: Phakic IOL. Topic: Phakic Iris Fixated IOL: long term results in standard and special cases 4) Session 4.2: Pseudophakic IOL. Topic: Keratoplasties and Toric IOLs. Does it make sense? 2nd ESASO Anterior Segment Academy. Milan

**Güell JL.** (2016) 1) Moderator. Session 5: posterior lamellar keratoplasty (II) 2) Speaker. DMEK Complications. Course on corneal transplants and advanced therapies for the ocular surface and cornea. Oviedo

**Güell JL.** (2016) Speaker 1. Control of asphericity for the management of presbyopia 2. New strategies in the management of corneal ectasia 3. The New Precizone Toric: Concept and Clinical Results 4. Artiflex toric phakic IOL: long-term results and special cases 5. DMEK. Long-term results 6. Posterior lamellar grafts. 9th Southern Hemisphere International Conference. Lima

**Güell JL.** (2016) 1) Speaker 1. Intracorneal rings with hexagonal cross-section (ICRS) 2. Adapting DALK to KC. Surgeon I 2) Session 6: Future Challenges. GESOC. Madrid

**Güell JL.** (2016) 1) Cornea Day 2) Video Commentary. "When big bubble Falls" 3) Symposium Thea: "IC Mydriasis: The new standard route for cataract surgery" 4) Recipient of the FYODOROV AWARD with the Topic: Modern Approach for keratoconus patient 5) Main Symposium: Explanations of Ocular implantations 6) Cornea Didactic Course (Pre requisite Course). Topic: Refractive Reoperations and enhancements 7) Main Symposium: Are there any untold secrets in Refractive Surgery? Topic: Small incision lenticule extraction (SMILE) 8) Zeiss Refractive lunch Symposium: Topic: SMILE, retreatment options. I.- Cornea Didactic Course (Pre requisite Course): as a moderator and Topic: Amniotic Membrane and Case report. ESCRS-EuCornea Winter Meeting. Athens

**Güell JL.** (2016) 1) Moderator 1. Refractive matters 2. The dark side of high myopia 2) Speaker. Refractive matters: Why do I implant Artiflex? FacoElche 2016. Elche

**Güell JL.** (2016) Speaker. Should I have an eye operation? What new technologies promise. 141st Scientific Dissemination Conference. Medical Studies Foundation of Molina de Segura. Murcia

**Güell JL.** (2015) 1. Round table I: Keratoplasty. The expert answers 2. Round table II: Refractive cornea. 46th Catalan Ophthalmology Society Conference. Barcelona

**Güell JL.** 2015) Speaker. Transplantation of the corneal endothelium. Topic: Management in the immediate postoperative period. Fórum La Arruzafa. Cordoba

**Güell JL.** (2015) 1. Refreshment Break and Break with the Experts. Expert Discussant. Topic: Toric IOL's pearls 2. ESCRS Symposium. ISRS- Subspecialty Day Refractive Surgery. Topic: Secondary procedure in eyes with Phakic IOL's. AAO Annual Meeting. Las Vegas (Nevada)

**Güell JL.** (2015) Speaker 1. Comprehensive approach to keratoconus 2. Artiflex toric. Long-term evolution and special cases 3. SMILE. Everything with femtosecond. Advantages and disadvantages 4. KEYNOTE SPEECH: DMEK. Technique of choice for endothelium transplantation. 18th AOCR Ophthalmology Conference. San José (Costa Rica)

**Güell JL.** 2015) Speaker. Subspecialisation day: cataracts and refractive. Topic: SMILE refresher session. 91st Spanish Ophthalmology Society (SEO) Conference. Seville

**Güell JL.** (2015) Speaker. Cross-Linking Update Symposium. Topic: CXL+ Phakic IOL's. The role of the HD, Analyzer (OQAS). 11th SOU Course. Universitat della Svizzera Italiana. Lugano

**Güell JL.** (2015) Live surgery. ZEISS Symposium. Instituto de Microcirugía Ocular. Barcelona

**Güell JL.** (2015) KPRO Symposium. Instituto de Microcirugía Ocular. Barcelona

**Güell JL.** (2015) 1) Speaker. Refractive Surgery Didactic Course. Topic: Refractive Reoperations and enhancements 2) Speaker. Booth Speaker Ophtec. Topic: Long term Unilateral Artisan/Artiflex implantation 3) Chairperson. ESCRS/EuCornea Main Symposium I. Joint ESCRS/EuCornea Session 4) Boston Type I keratoprosthesis: from indications to innovations 5) Speaker. Update in Penetrating and lamellar keratoplasty. Techniques (Part I). Topic: Introduction. Topic: Pearls surgical management of keratoplasty astigmatism 6) Update in Penetrating and lamellar keratoplasty. Techniques (Part II). Topic: Additional surgery during keratoplasty: cataract vitrectomy iris reconstruction. Topic: amniotic membrane: clinical indications. Topic: Surgical technique in anterior and posterior lamellar keratoplasty common mistakes 7) Opening ceremony. As a ESCRS Board member and SECOIR International Relations. Binkhorst Medal Lecture 2015 8) ESCRS Barcelona Lunch Symposium. Topic: The use of the HD Analyzer in CXL patient and special cases 9) ESCRS/SECOIR Video Symposium and surgical complications: you make the call. Case 3: Cornea Edema after MF IOL surgery 10) User Meeting Revisions Optics (RVO): Topic: Profocal Cornea in pseudophakic Patients. Casa Batlló 11) State of the art diagnosis and treatment of irregular Cornea.

Topic: Different keratoplasty techniques for irregular cornea 12) Main Symposium 3.04: FLACS in difficult eyes. Topic: FLACS in difficult eyes 13) Chairperson. Free Paper Session 21: Cataract Surgery outcomes and Comps 14) Baush & Lomb Event at IMO. Topic: Welcome as an expert for refractive and an International expert in Cornea and the Introduction to the future expectations in the field of Refractive and Cornea 15) Decision making in phakic IOL's: who, why, when, where?: Topic: Artiflex 16) Keratoconus from diagnosis to treatment the current state of the art. Topic: Corneal Keratoplasty. The last resort. 17) Free paper: Wavefront and higher order aberration sernike coefficients indicated by a corneal shape changing inlay. 18) Panellist. Session: "Best of the Best." ESCRS 2015. Barcelona

**Güell JL.** (2015) 1) Panellist 1. Keratorefractive LASIK Surgery 2. Glaucoma Surgical procedures 2) Chairperson 1. Joint Session ICOI and ESCRS Update on Parasitic keratitis 2. Mini Symposium Collagen Cross-Linking for infectious keratitis 3. Skill transfer Course. Case complication in lamellar Cornea Surgery 4. ESCRS/EuCornea Main Symposium I. Joint ESCRS/EuCornea Session 3) Speaker. Expert presentation of challenging cases. Topic: Endothelial keratoplasty (DMEK) nightmares. EuCornea 2015. Barcelona

**Güell JL.** (2015) Video presentation: Laser incisions for cataract surgery. FEMTOFACO Summit. Meeting of experts 2015. Instituto Barraquer. Barcelona

**Güell JL.** (2015) 1) EK session. DSAEK or DMEK. Topic: I prefer DMEK 2) Moderator. Medal Lectures Session 3) Session Live patients evaluation. Topic: Quality of vision after DALK vs PKP 4) Session Innovations EK. Topic: Long term follow up of DMEK with or without SF6 taponade. SICSSO Congress. Lecce

**Güell JL.** (2015) Speaker. Latest technology applied to refractive surgery. Barcelona 2015. Medical conference. TOP RUSS. Medical-aesthetic lecture on women's health and beauty. Barcelona

**Güell JL.** (2015) 1) Solving Dissatisfaction I the pseudophake. Topic: Corneal surface problems 2) Trends in the Management of Ocular surface disease. As a co-chair and Topic: Current Management of Band Keratopathy 3) Course Corneal Surgery 2015. State of the Art. Topic: DMEK. Bubbles and troubles tricks and tips. SOE Meeting. Vienna

**Güell JL.** (2015) Session 3: SMILE-Tomorrow's vision Today. Topic: Different cap thickness for SMILE. European Refractive Laser Symposium. Florence

**Güell JL.** (2015) 1) Cassini Breakfast Meeting. Topic: Screening KC 2) Symposium SECOIR/EuCornea Topic: Introduction. Comprehensive approach to keratoconus 3)

Presbymania 2015: Topic: Artilens Presby: the concept 4) SECOIR/CIRP Refractive Surgery Symposium. Phakic lenses. Topic: Refractive therapeutic applications of Artisan lenses. SECOIR Conference. Las Palmas de Gran Canaria

**Güell JL.** (2015) Chairman and speaker 1. Corneal transplantation and cataract surgery 2. Femtofacorrolling. The standard for routine cataract surgery 3. Iris claw phakic IOL's: Update in clinical results and surgical technique. Cataract and intraocular refractive surgery module. Sharjah

**Güell JL.** (2015) 1) Refractive surgery module 1. Artiflex toric phakic. Long-term results. Special cases. 2. Femtophacorrolling, standard techniques for cataract and phaco-refractive surgery 3. DALK, evolution of the current technique 4. SMILE, everything with femtosecond. Chilean Ophthalmology Society Conference. Santiago de Chile

**Güell JL.** (2015) 1. Light Adjustable Symposium 2. Session 1-J. Keratorefractive IOL's and ICL's. Paper: Paired Eye Comparison of Corneal Endothelial Cell counts after Imolateral Iris Claw Phakic IOL versus Corneal Refractive Surgery 3. Session 1-L.Presbyopia - CornealInlays. Paper: Wavefront and higher-order aberration Zernike Coefficients induced by Corneal Shape Chaging Inlay 4. Symposium: Light scatter in Clinical and Surgical practice, Evaluation, Interpretation and integration. Topic: use in highly aberrated Eyes/KCN and the effect of CXL 5. Small incision lenticule extraction Worls View: Topic: Different lenticule depth for SMILE. ASCRS-ASOA Annual Meeting. San Diego

**Güell JL.** (2015) Poster presentation: Endothelial Keratoplasty after Failed penetrating Keratoplasty. Conference of eye disorders. Baltimore

**Güell JL.** (2015) Welcome by Dr Güell and topic: Cataract and Refractive Suite. ALCON event. Instituto Microcirugia Ocular. Barcelona

**Güell JL.** (2015) Moderator Module III Ocular pain, dysaesthesia and neuropathic pain. Pain and systemic diseases. GESOC. Oviedo

**Güell JL.** (2015) ESCRS Session. Topic: Mid term results with the New Toric Precizion and Long term data with the Toric Artiflex in postkeratoplasty and keratoconic. AICCR. Florence

**Güell JL.** (2015) Welcome by Dr Güell and topic: Cataract and Refractive Suite. ALCON event. Instituto Microcirugia Ocular. Barcelona

**Güell JL.** (2015) 1. Poster. European Observatory of Cataract Practice - 2014. Infectious post-operative Endophthalmitis Prophylaxis. European Team for the Prophylaxis of

infection in Cataract Surgery 2. Refractive Surgery Didactic Course Part II: Topic: Refractive Reoperations and enhancements. Topic: Non-optical complications of LASIK and Corneal Surgery. Case report 3. Cornea Didactic Course. Topic: Amniotic Membrane. Topic: Endothelial Transplantation up to date. Topic: Surgical Case report 4. Symposium Evolving Refractive Surgery. Topic: Instrastromal treatments: is this future of Corneal Refractive Surgery? 5. Organiser, Cornea Day 6. Introduction and comments, Video Competition. ESCRS /EuCornea Winter Meeting. Istanbul

**Güell JL.** (2015) 1. Session: Between two waters: Phaco, surface and cornea (2nd part). Topic: Phaco and prior lamellar 2. Session: The Premium Block (1st part). New optics, devices and concepts. FacoElche 2015. Elche

**Güell JL.** (2015) Keynote Speaker. Topic: DMEK: Surgical update International results and limitations. EEBA, Synergies Between Eye Banks, Tissue Banks and Advanced Therapy Units. Challenges for the global treatment of Ophthalmic Patients. Venice

**Güell JL.** (2014) Presentation. Topic: Clinical experience and results with Artiflex and how do I get refractive patients into my clinic. Artilens Users Meeting. Utrecht.

**Güell JL.** (2014) Moderator. 5th Roundtable. Combined Procedures. 45th Conference of the Catalonian Ophthalmology Society.

**Güell JL.** (2014) Speaker 1) S33.ICO/RANZCO SYMPOSIUM. Surgical Standards in Education and Practice: A global perspective. Topic: The effect of advancing technology on standard setting. 2) LO8. Refractive and Cataract Update Lecture. Topic: Cataract and keratoplasty: Clinical-surgical implications. 3) SO6 Course: Refining Cataract Surgery in 2014. Topic: 5 things that have made the most difference to their cataract surgery in 2014 and what new things they will bring to their cataract surgery in 2015. 4) PO/. Plenary. Controversies. Topic: Femto PHACOROLLING: the standard approach for cataract surgery. 5) S28. Course. Keep your cool. Dealing with common Cataract surgery problems without anxiety. Topic: Dealing with white and brown cataracts between the liquid and the rock. XXXXVI Annual Scientific Congress of the Royal Australasian College of Surgeons (RANZCO). Brisbane.

**Güell JL.** (2014) Welcome by the IMO Foundation's president. Course Presentation. Trends in Glaucoma, a surgical and medical meeting. Barcelona.

**Güell JL.** (2014) Speaker 1) Subspecialty Day. Cornea. Section III: Spotlight session. Cornea Controversies. Topic: Advanced Combination Crosslinking. AAO. American Academy of Ophthalmology Annual Meeting. Chicago.

**Güell JL.** (2014) Speaker and Live Surgery 1) Reception and Welcome. 2) Live surgery: Toric Phakic Lens Post-Crosslinking. 3) Topic: Pearls in the Surgical Management of Astigmatism. 4) Topic: Clinical Case: PRK + CXL in irregular astigmatism correction. 5) Open Case and Discussion 6) Conclusions. Refractive cataract video. Barcelona.

**Güell JL.** (2014) Speaker and Coordinator Business Lunch 1) Sub-speciality Day: Cataract and Refractive. Topic: Crystalline lens surgery in hyperopia: strategy. 2) C25. Endothelial Keratoplasty. As a Course Director. 3) Conference of the Spanish Ergophthalmology Society. Topic: Transplantation of cultured limbal cells: Anterior Lamellar Keratoplasty. 4) Symposium Sponsored by Alcon. New Perspectives in Crystalline Lens Surgery. Roundtable. 5) Ophtec Business Lunch. As a Coordinator. And Topic: My first impression about PRECIZON TORIC LENS. 90th Conference of the Spanish Ophthalmology Society. Bilbao.

**Güell JL.** (2014) Ceremonia de apertura, ponente y moderador 1) Opening Ceremony. As a President of EuCornea. Topic: Introduction and Welcome Address. And Presentation of the Best poster award. EuCornea Medal Lecture: Deep Anterior Lamellar: The best Keratoplasty Option in Keratoconic Eyes? 2) What can go wrong in Lamellar Surgery?. As a Moderator and Topic: Case Report. 3) Eurokeratoconus II. Current Controversies and Hot Topic in Keratoconus. As a Chairperson. 4) New Treatments and Technologies for KC. As a Moderator. 5) New Trends in Endothelial Transplantation. As a Moderator and Topic: DMEK: 3 years postoperative endothelial cell count using SF6 20% vs no gas 6) Free Paper session: Imagining & CL. As a Moderator. 5th Congress of the European Society of Cornea & Ocular Surface Specialists (EuCornea). London

**Güell JL.** (2014) Live Surgery, Speaker and Moderator 1) Refractive Surgery Didactic Course Topic: Refractive reoperations and enhancements 2) IC08 The Joseph Colin ESCRS course on diagnosis and management of microbial keratitis (I). 3) IC22. Boston Type 1 keratoprosthesis: from indications to innovations (A). 4) IC43. Update in penetrating and lamellar techniques (Part 1)(B). Topic: 1.-Introduction.2.- Pearls surgical management of postkeratoplasty astigmatism 5) IC44. Update in penetrating and lamellar keratoplasty techniques (Part 2)(A). Topic: 1.- Surgical technique in anterior and posterior lamellar keratoplasty: common mistakes. Dua/Güell. 2.- Additional surgery during keratoplasty: cataract vitrectomy iris reconstruction. 3.- Amniotic membrane: clinical indications. 6) JCRS Symposium. Controversies in Cataract and Refractive Surgery. Simultaneous bilateral cataract surgery: pro and con. Topic: Controversies in Cataract and Refractive Surgery. 7) IC55 State of the art diagnosis and treatment of irregular cornea 8) Topic: Different Keratoplasty techniques for irregular corneas . 9) IC69. The surgical correction of presbyopia with a shape-changing corneal inlay (I). Topic: Profocal cornea mechanism of action and clinical implications of a corneal shape-changing Inlay. 10) Free Paper Session: Cataract

Surgery Outcomes/Femto. As a Chairperson. 11) Combined Symposium of cataract & refractive Societies (ESCRS,APACRS,ASCRS, LASCRS). Topic: Previous corneal transplant. 12) Free Paper session: Presbyopic Correction. As a Moderator and Free Paper: Profocal cornea: mechanism of action of a transparent corneal inlay and clinical implications. 13) IC107 Keratoconus: from diagnosis to treatment the current state of the art (A). Topic: Corneal keratoplasty- the last resort 14) Bioanalogic WIOL-CF: Functional Principles and Practical Guidance to Optimize Clinical Outcomes. MEDICEM. As a Moderator and Topic: WIOL-CF Functional principles . 15) Expertise in Keratoconus treatment (AJL). Topic: Does the CXL stops the keratoconus progression and when should I use it?. When should I use combined treatments ICRS+CXL? Which one should I do first? 16) Meet the Experts during the ESCR. Ophtec. Topic: Vacufix vs enclavation Needly: comparative study. 18) Session: Glaucoma II Free Paper. Topic: Ocular optical quality changes in patients with different stages of glaucoma. As a Co-author. XXXIV Meeting of the European Society of Cataract and Refractive Surgery. London.

**Güell JL.** (2014) Scientific Coordinator 1) Basic Science. Anatomy physiology pathological responses of the cornea. Amniotic membrane. 2) Anterior and posterior lamellar surgery. 3) Case presentation. 4) Penetrating keratoplasty (fundamentals, technique and complications). Management of astigmatism after keratoplasty. 5) Case presentation. 6) Wet-lab. Penetrating and lamellar corneal surgery. With Filippo Simona. ESASO. Module of Cornea and Corneal Re-fractive Surgery. Lugano

**Güell JL.** (2014) Panellist, Wet Lab Professor, Session Chairman and Speaker 1) Member of the Panel at the Session "Infections" 2) Teacher of the Wet Lab on EK. 3) President of the Session on "DALK". 4) Session "EK". Keynote Lecture: EK, Literature overview. 5) Course on Corneal Wounds (SOOFT). 6) Session "Special Lectures with clinical cases presentation and Live Evaluation of the patient. XIV International Congress of the Italian Society of Stem Cells and Ocular Surface (SICSSO). Lecce.

**Güell JL.** (2014) Speaker and panellist. 1) Session: New developments in phacoemulsification. Topic: Phaco-rolling technique. 2) Discussion Panel of the Cataract and Cornea Session. 7th Phaco-refractive Meeting. La Toja.

**Güell JL.** (2014) Live surgery and moderator 1) Joint Live Surgery Meeting of SOI, OSN & AICCER. Session 2. Topic: SMILE: Update on Different Depths profile. 2) Live femtolaser refractive surgery from Chieti University. Session 2. As a Chairperson. 3) Topic: DMEK Simplification of the Surgical Technique. 19th Annual Joint Meeting of the Italian Society of Ophthalmology. Milan.

**Güell JL., Elies D, Manero F** (2014) Video. 1) Cataract Technology Work Centre: IMO 2) SMILE for the correction of myopia. IMO Work Centre. 13th National Video-ophthalmology Festival. Lleida.

**Güell JL.** (2014) Moderator and Speaker. 1) Objective assessment of ocular optical quality in patients with corneal alterations 2) Meet the Expert 3) Ophthalmic Symposium. Invited speaker. Topic: Evidence of Iontophoresis. 4) World Keratoconus Society. Session IV. Intracorneal segments in keratoconus. Topic: INTACS nomograms 5) World Keratoconus Society Award representing EuCornea and ESCRS. 6) EuCornea/SECOIR Symposium. Surgical Cornea. 19th Conference of the Spanish Society of Implanto-Refractive Surgery, SECOIR. Madrid.

**Güell JL.** (2014) Moderator and Live Surgery. Live surgery Case 4. Acrysoft IQ Toric. Alcon Innovation Day. Barcelona.

**Güell JL.** (2014) Scientific coordinator and speaker. 1) Topic: Corneal transplantation and cataract surgery 2) Iris claw-style phakic IOLs update in clinical results and surgical technique. 3) Wetlab: Phacoemulsification. 4) Surgeon in the Live Surgery Session. ESASO Module of Cataract AND Intraocular Refractive Surgery. Barcelona.

**Güell JL.** (2014) 1) Course 27-103. Collagen Crosslinking: Evolving Indications and technology. Applications, Results and complications management. As a Faculty. Topic: Phakic IOL after CXL. 2) Session 26-401. Course ID.1823. Surgical correction of presbyopia with Hidrogel Corneal Inlay: profocal Mechanism of action visual outcomes and patients satisfaction. Topic: Teardrop Corneal Inlay: practical thoughts about its use. 3) Symposium s-13. Video Symposium. Challenging cases and complications management. As a Panelist. 4) Scientific Paper. Sesión 3-J. Title: Functional Range of Vision with profocal shape changing Corneal Inlay. American Society of Cataract and Refractive Surgery (ASCRS). Boston.

**Güell JL.** (2014) 1) Welcome Reception. As a President of EuCornea. 2) Keynote lecture: The most advanced techniques for endothelial transplantation. 3) Section I: Diagnosis and Management of selected corneal disease. As a Moderator. 4) Topic: Boston Keratoprosthesis-IMO long term experience. International Symposium. Cornea-Insight and updates. Belgrade.

**Güell JL.** (2014) Speaker. 1) Refractive Surgery in Extreme Refractive Errors – 1383. Topic: All of the Above. 2) Endothelial Transplantation: techniques and outcome – 1360. Topic: DMEK: improving adherence with SF-6 gas bubble. 3) Phakic IOLs: Pearls and Pitfalls – 1354. Topic: Advantage and limitations of iris-supported phakic IOLs. 4) Updates on Phakic Intraocular Lenses – 1288. Topic: Iris-fixated phakic IOL is my first option. World Ophthalmology Congress®. Tokyo.

**Güell JL.** (2014) 1) Deployment techniques in AC and re-bubbling reduction 2) Moderator Table 6. Topic: Modified TMA in Gundersen. GESOC – Ocular Surface and Cornea Society. Madrid.

**Güell JL.** (2014) 1) Chairperson Cornea Day. 2) Cornea Day 2.01: Keynote: Transition to DALK. 3) Cornea Day Section 4: Moderator of: Ocular Surface disease: what worked and what did not. 4) Cornea Day 4.06: Large Cornea scar after posttraumatic pseudomonas keratitis. E.- Main Symposium 1: Enhancements in pseudophakia as a Moderator. 5) Cornea Didactic Course: Topic: Introduction. 6) refractive Course 2.10: Topic: refractive reoperations and enhancements. 7) Cornea Didactic Course 4.01: Topic: Conjunctival surgery. 8) Cornea Didactic Course 4: Topic: Surgical Cornea. 9) Cornea Didactic Course 4.02: Topic: Amniotic Membrane. European Society of Cataract and Refractive Surgeons (ESCRS). Ljubljana.

**Güell JL.** (2014) Moderator. Session: Trifocal versus bifocal lenses with depth of focus. Topic: New Ideas Are Progressing. Elche.

**Güell JL.** (2013) 1) Symposium 1 (SO1) Cataract and Cornea 1. Topic: Femtophacorroling: the standard approach for cataract surgery. 2) Symposium 2 (SO2) Pediatric and Neuro-Ophthalmology. Topic: Toric phakic Artiflex for high myopia and astigmatism correction. 3) Symposium 4 (SO4). Femtosecond laser assisted cataract surgery. Topic: Smile Technique: the latest only Femto LASIK approach. 4) Symposium 5 (SO5) Cataract and Cornea II. Topic: Asphericity does it make sense its manipulation. 25th annual scientific meeting Hong Kong ophthalmological symposium 2013. Cataract and Refractive Surgery. Hong Kong.

**Güell JL.** (2013) Speaker. Vascularised extensive scar with old perforation. Corneal Nightmares. Bilbao.

**Güell JL.** (2013) Moderator. SECTION II. Phakic IOL. American Academy of Ophthalmology. New Orleans.

**Güell JL.** (2013) Cirugía en Directo. Chirurgia in diretta da IMO di Barcellona. Videocatarattarefractiva. Barcelona.

**Güell JL.** (2013) 1) Breakfast Meeting- Zeiss. Clinical Advisory Panel. 2) Refractive Surgery Didactic Course 2.08. Topic: Refractive reoperations and enhancements. 3) IC 25 Boston Kpro Type 1. Keratoprosthesis from Indications to innovations. Topic: Postoperative management with focus on Glaucoma. 4) IC-35. Update in Penetrating and Lamellar Keratoplasty techniques. (Part I). Topic: Introduction. Topic: Pearls surgical management of postkeratoplasty astigmatism. 5) Speaker Booth Ophtec. Topic: CXL+Artiflex Toric/Vacufix vs needle. 6) IC-37. Update in penetrating and lamellar keratoplasty techniques. Topic: Surgical technique in anterior and posterior lamellar keratoplasty: common mistakes. Topic: Additional surgery during keratoplasty cataract, vitrectomy iris reconstruction. Topic: amniotic membrane clinical indications. 7) ESCRS Discover precise approaches by experiences latest Zeiss refractive Laser

Technolo- gies. Carl Zeiss Symposium. As a Chair. H.- Welcome Reception WIOL-CF Symposium. Topic: The concept of WIOL-CF. As a Moderator too. 8) IC-54. The Surgical correction of presbyopia with Corneal inlay technology. How to achieve patient satisfaction in the emmetropic, myopic and hyperopic population. Topic: Individualizing spherical aberration. Does it make sense. 9) Raindrop User's Meeting. As a Moderator. 10) IC-67. Innovations and advanced application in Cataract surgery with the femtosecond laser. As an Observer. 11) Thea Symposium: Topic: European practice concerning intracameral use of cefuroxime. 12) Free Paper session 18: Cornea Femtosecond. As a Moderator. 13) IC-80: Small incision lenticule extraction for myopia and astigmatism. Topic: Introduction: Clinical outcomes and surgical techniques. 14) Free Paper 2764: Topic: Optimizing the performance of Raindrop TM near vision inlay with concurrent LASIK. O.- Main Symposium 4: The management of High Hyperopia. As a Chairperson. 15) IC-94: State of the art diagnosis and treatment of irregular cornea. Topic: Different techniques of Keratoplasty to address the irregular cornea. European Society of Cataract and Refractive Surgeons (ESCRS). Amsterdam.

**Güell JL.** (2013) 1) Symposium 9: Posterior lamellar keratoplasty. As a Chairperson and Topic: How to speed DMEK graft positioning and diminish detachment rate. 2) Symposium 5 ESCRS/EUCORNEA : Topic: Managing corneal complications after refractive surgery in risky eyes. 3) IC-02: Course II: What can go wrong in Lamellar surgery. Topic: DMEK unusual complications management. 4) ISOP 5º Congreso Internacional de la Sociedad internacional de presbicia. Topic: The Raindrop near vision inlay with and without concurrent LASIK. Optimizing performance. E.- EuCornea Free paper Sesión 5: as a Moderator. 5) Symposium 5: Laser Assisted Lamellar Keratoplasty. As a Chairperson. 6) Opening ceremony EuCornea. European Society of Ocular and Ocular Surface Disease Specialists (EuCornea). Amsterdam.

**Güell JL.** (2013) Director y ponente 1) Wetlab: ICRS implantation, Descemet Stripping Techniques and CXK Epi on Iontophoresis on power: 10 mw. 2) Reoperations Part II. 3) New Strategies in the management of Keratoconus: CXL, ICRS, DALKP, pIOLs on combined procedures. 4) Amniotic membrane: uses and abuses. 5) Endothelial transplantation: indications techniques and International results. 6th Module of Cornea and Corneal Refractive Surgery.

**Güell JL.** (2013) Speaker. Second Session: refractive Laser and corneal surgery. Topic: technique and results of DMEK. B.- Femtocataract Instructional Video. Topic: cataract surgery with the LenSx femtosecond laser. Femtoverona. Anterior Segment Surgery. 3rd Joint International Congress Refractive Online & SICSSO. Verona.

**Güell JL.** (2013) 1) EuCornea Symposium: Symposium Cornea S10. The ocular surface: new options for diagnosis and treatments. Topic: Treatments options for non healing defects of the cornea. 2) Cornea external Eye: European Eye Bank Association

European Society of Ophthalmology. Symposium: Changing face of Corneal Transplantation. As a Moderator and Topic: Graft rejection is inversely correlated to graft thickness or DMEK surgical approach to speed intraocular membrane manipulation and diminish rebubbling rate. 3) Cornea, External Eye: European Society of Ophthalmology. Course. Current concepts in corneal surgery. Topic: Anterior Lamellar surgery and Intra-corneal rings. XIX Congress of European Society of Ophthalmology. Copenhagen.

**Güell JL.** (2013) Speaker. Femto-Phaco Conference: Topic: LensX. Implanto-Refractive Surgery (CIRP). Algarve.

**Güell JL.** (2013) 1) Vice President of the Organising Committee 2) Cornea Course 3: Anterior and endothelial lamellar keratoplasty. Topic: DMEK. 3) Re-fractive Course 3: INLAYS. Topic: Raindrop (Revision Optics). Principle and action and personal experience. 4) Cornea Course 4: Complications in lamellar keratoplasty. Topic: DMEK complications. 5) Crystalline Lens Course 5: Iris-fixated lenses in aphakia. Topic: lenses anchored to the iris. Special cases. 6) The best of the ASCRS. 7) Dr Menezo Quintana Award. 8) Symposium Sponsored by Alcon. Questions to be answered by experts 9) Interest group: Phakic lenses. Topic: Artiflex in complex cases. 10) Presentation of the 2013 Monograph: Presentation of a video on Iris Reconstruction. 11) Symposium on Prokam. Moderator and speaker. Topic: prophylaxis of endophthalmitis in cataract surgery. 12) Surgical Cornea Symposium. Keratoplasty EuCornea/SECOIR. Symposium director and co-speaker. Topic: optical quality in the various techniques of endothelial transplantation. 13) Moderator Meeting with the Expert: Harminder Dua. Stem cells. 28th Conference of the Spanish Society of Implanto-Refractive Surgery, SECOIR. Barcelona.

**Güell JL.** (2013) Speaker 1) New frontiers: refractive cataract surgery with femtosecond laser. 2) Cataract evaluation with the OQAS-HD Analyser. Topic: Phacorolling: The standard approach for cataract surgery. 3) Corneal transplant and cataract surgery – endothelial disease. 4) LAL: the light-adjustable lens project. Cataract Module (ESASO). Moscow.

**Güell JL.** (2013) Symposium. Management of complicated cases in cataract and refractive surgery. Topic: Artiflex. ASCRS, American Society of Cataract and Refractive Surgery. San Francisco.

**Güell JL.**, Verdaguer P, Elies D, Gris O, Manero F. (2013) Poster. Preliminary results after selective or Descemet's membrane and endothelium transplantation in eyes with endothelial corneal pathology. Catalan Transplantation Society. Barcelona.

**Güell JL.** (2013) 1) Topic: New Surgical Strategies in the Management of Keratoconus: from CCL to Toric Phakic and Pseudophakic IOLs. 2) Topic: The Correction of Ammetropia After Corneal Transplant Surgery. LASIK vs Phakic IOLs. 3) Topic: Toric Artiflex: Surgical Technique, Indications and Long-term Results. 4) Topic: Phacorolling Surgical concept and technique. 5) Topic: Deep anterior lamellar keratoplasty. The Viso-bubble Technique 6) Topic: Update on DMEK: Indications and New Tips on the Surgical Technique. 7) Topic: Boston K-Pro: Long-term results and complications. H. Topic: Relex: The Latest Invasive Corneal Refractive Laser Surgery Concept. Saudi Ophthalmology Congress. Riyadh.

**Güell JL.** (2013) Presentation. Pterygium Surgery. 11th Annual GESOC Meetin. SEVILLE.

**Güell JL.** (2013) 1) Refractive Surgery Didactic Course: Topic: Refractive reoperations and enhancements. 2) Cornea Didactic Course: Topic: Conjuntival Surgery. Topic: Amniotic Membrane. 3) Chairpersons of The Cornea Day and Moderator of Section I: Corneal Grafts. 4) Poster: The Use of Novel Device for Removal of the Epithelium in Surface Ablation Procedures. 17th ESCRS Winter Meeting. Warsaw.

**Güell JL.** (2013) 1) Special Talk. Topic: From the new lens ideas to the positive of positive spherical aberration. 2) Live surgery: Cx with Constellation and a T2 Toric Lens. 45th SAO CONGRESS. Malaga.

**Güell JL.** (2013) 1) Meeting on the Crystalline Lens. Topic: Tricks for short-sighted people in crystalline lens surgery. 5 clear and meridional ideas. 2) Table on keratoplasty. Topic: DALK technique in keratoplasty and DMEK (because you want to talk about it). 45th SAO CONGRESS. Malaga. 2013.