



Dra. Felicidad Manero

Departament de còrnia i cirurgia refractiva de l'IMO, Institut de Microcirurgia Ocular

Professora del Màster en Còrnia i Cirurgia Refractiva de l'IMO, Institut de Microcirurgia Ocular

Núm. col·legiat: 24.913

Currículum

Perfil professional

Especialitzada en patologia del segment anterior a l'Institut de Microcirurgia Ocular i professora del Màster en Còrnia i Cirurgia Refractiva de l'IMO i la Facultat de Medicina de la Universitat Autònoma de Barcelona.

Formació

Llicenciada en medicina i cirurgia per la Universitat Autònoma de Barcelona el 1986.

Becada per l'IMIM (Institut Municipal d'Investigació Mèdica) de 1988 a 1994 al Servei d'Oftalmologia de l'Hospital de l'Esperança de Barcelona.

Especialitat

És experta en malalties de la superfície ocular.

Activitat professional

Assessor mèdic de Novartis (divisió oftàlmica) de 1994 a 2004

Des de 1994 ha desenvolupat la seva activitat oftalmològica al Departament de Còrnia i Cirurgia Refractiva del CRV (Centre Retina-Vítreo, Clínica Quirón, Barcelona) i posteriorment a l'IMO, amb l'equip del Dr. Güell.

Investigació

És coinvestigadora dels assajos clínics de lents intraoculars que es duen a terme a l'IMO.

Ha participat com a coinvestigadora en diferents assajos clínics. (Investigador principal: Dr. J.L. Güell):

Coinvestigadora. HOLOCORE. Efficacy and Safety of Autologous Cultivated Limbal Stem Cells Transplantation (ACLST) for Restoration of Corneal Epithelium in Patients With Limbal Stem Cell Deficiency. (7424-01)

Coinvestigadora. PRGF-ENDORET. Assaig clínic aleatoritzat, de grups paral·lels, multicèntric i cec per a avaluadors, per avaluar l'eficàcia i seguretat del col·liri PRGF-Endoret, en pacients amb queratitis neurtròfica en estadis 2,3. (BTI-011-EC/15/QUER)

Coinvestigadora. BIOTEK-PADCICLO. Estudi en Fase II, multicèntric, aleatoritzat, amb emmascarament doble de 4 grups paral·lels, controlat i de 6 mesos de durada per avaluar l'eficàcia i seguretat d'una dispersió oftàlmica de ciclosporina PAD(CsA 0.06% Y 0.03 %) administrada una vegada al dia en combinació amb teràpia lubricant i seguiment de la seguretat de tres mesos després del tractament en pacients amb xeroftàlmia entre moderada i greu. (MC2-03-C1)

- Acrysof lens (Alcon). Phakic intraocular lens. Des de 2000.
- Artiflex (Ophthec). Phakic intraocular lens. Des de 2002.
- Tecnis Lens (Pharmacia) pseudophakic IOL. 2003.
- LAL (Calhoun): lent pseudofàquica ajustable amb la llum. Des de 2006.
- IOL (Corneal): lent pseudofàquica esfèrica. Des de 2006. **Fundació de Recerca Biomèdica, Hospital Clínic.** Ocular surface regenerative medicine: cellular therapy

applications for ocular surface repair with ex-vivo amplification of sclerocorneal limbus autologous progenitor cells over amniotic membrane. Des de 2012.

- **Bioftalmik.** Desenvolupament d'un sistema diagnòstic/pronòstic multiparamètric de queratocon i altres ectàsies corneals basat en biomarcadors. Des de 2011.

Publicacions

Güell JL., Elies D., Honorio Pallas, **Manero F.** Capitulo 11: Lente Intraocular fàquica y cataratas. Videos 11-1: Cataratas en portador de lente fàquica de cámara anterior. Video 11-2: Cataratas en portador de lente fàquica 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.

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

Güell JL, Morral M., Elies D, Gris O, Gaytan J, **Manero F.** Melting. In: Jorge L. Alio, Dimitri T Azar. Management of Complications in Refractive Surgery. 2nd Edition. Springer's distributor in theUSA, Lippincott Williams and Wilkins (LWW) Editors: 2016.

Güell JL, Morral M., Elies D, Gris O, **Manero F.** CXL in combination with phakic lenses.

In: Hafezi

F, Randleman B. Corneal collagen cross-linking. 2nd Edition. SLACK 2016.

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

Güell J.L., M. Morral, O.Gris, D. Elies, **Manero F.** (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.ophttha.2015.05.013>.

Güell J.L., Verdaguer P, Mateu-Figueras G, Elies D, Gris O, El Hussein MA, **Manero F.**, Morral M. SMILE Procedures With Four Different Cap Thicknesses for the Correction of Myopia and Myopic Astigmatism. J Refract Surg. 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 distal arthrogryposis. Eye Contact Lens 2015 Jan ;41(1): e5-8. Doi.10.1097/ICL.0b013e3182a2f881

Morral M, Güell J.L., El Hussein 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

Verdaguer P, Güell J.L., Mateu-Figueras 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 JL, Morral M, Gris O, Elies D, Manero F. Chapter 18: Corneal Collagen Cross-Linking in Combination with Phakic Intraocular Lenses. Book: Corneal Collagen Cross-linking. CXL Editors: Farhad Hafezi/ J.Bradley Randleman. SLACK Incorporated. 2013.

Güell JL, P. Verdaguer, Gris O, Elies D, Manero F. Monografía 2013. " Atlas de técnicas complejas en la cirugía del segmento anterior ". Capitulo: reconstrucción del iris. Ed: Elsevier, 2013.

Güell JL, Gris O, Aristizabal D, Elies D, Manero F, Morral M. Chapter 40: Sequential sectorial conjunctival epitheliectomy and superficial keratectomy. Book: Ocular Surface Disorders Edited by Jose M Benitez del Castillo y Michael Lemp. JP Medical Publishers, 2013.

Güell JL, Elies D, Verdaguer P, Gris O, Manero F. ESASO COURSE SERIES. Vol 3. Cataract. Chapter: Phakic Intraocular lenses in Keratoconus. Morral M. Chapter: Laser Corneal Refractive Surgery: An Update. Editor: Güell J.L. Barcelona. Karger Edition. 2013.

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.

Güell JL, Morral M, Gris O, Elies D, Manero F. Bimanual Technique for Insertion and Positioning of Endothelium-Descemet Membrane Graft in Descemet Membrane Endothelial Keratoplasty. Cornea 2013; 32: 1521–1526

Güell JL, Verdaguer P, Elies D, Gris O, Manero F. Reply: Corneal hydrops after intrastromal corneal ring segment implantation. *Journal cataract refractive Surg* 2013;39(5):816

Güell JL, Elies D, Manero F, Gris O, Morral M. Veryflex: Pearls for the implantation and for the right position and surgical results. En: *Phakic IOLs: State of the Art. LASIK-The evolution of Refractive Surgery.* Buratto L, Slade S, Tavolato M. SLACK, 2012.

Verdaguer P, **Güell JL, Elies D, Gris O, Manero F.** Cover Story. Enhancement after LASIK. Treatment of corneal epithelial ingrowth. *Cataract and Refractuce SurgeryToday Europe.* 2012: June; 34-40.

Güell JL, Morral M, Gris O, Elies D, Manero F. Transient myopic shift after phakic intraocular lens implantation. *J Cataract Refract Surg.* 2012 Jul; 38(7):1283-7.

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Güell JL, Morral M, Malecaze F, Gris O, Elies D, Manero F. Reply Crosslinking and Toric Phakic IOL in keratoconus. *J Cataract Refract Surgery* 2012; 38(8): 1514-1515.

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Güell JL, Morral M, Salinas C, Elies D, Gris O, **Manero F**. *Four-year follow up of Intrastromal Corneal Ring Segments in Patients with Keratoconus*. Journal of Emmetropia. January.March 2010:1(1); 9-15.

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J.L. Güell, M.Morral, O.Gris, F. Manero. Letter. Management of Epithelial Hyperplasia after photorefractive keratectomy on a cornea with Intrastromal Corneal Ring Segments. Br J Ophthalmol 2010;94 (11):1547-1548

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Jose L. Guell, MD; Merce Morral, MD PhD; François Malecaze, MD PhD; Oscar Gris, MD PhD; Daniel Elies, MD; Felicidad Manero, MD. Collagen Cross-linking and Toric Iris-Claw Phakic Intraocular Lens for Myopic Astigmatism in Progressive, Mild-to-moderate Keratoconus Journal Cataract refractive Surgery (submitted in February 2011),, Accepted Pending for publication

Güell JL, Elies D, Gris O, Manero F, Morral M. Femtosecond Laser assisted Enhancements after LASIK. Journal Cataract Refract Surg 2011. (Accepted for publication in May 2011 in press) Probablemente se publicara en Octubre/Noviembre 2011

Güell JL, Morral M, Gris O, Elies D, Manero F. Treatment of Symptomatic bullous keratopathy with poor visual prognosis using a modified Gundersen conjunctival flap and amniotic membrane. *Cornea* 2011 (in press) NO ACEPTADO EN EL CORNEA(25.05.2011)

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MONOGRAFIA 2011. Metodos de Diagnostico en Segmento anterior. Alfredo Castillo Gómez. Capitulo 38: J.L. Güell, Elies D, Salinas C, Manero F, Gris O, Morral M. Estudio patología corneal con OCT . Capitulo 20: Güell JL, Elies D, Gris O, Manero F, Pacheco

M, Sanchez C. Sistema Combinado Topografia-tomografia Visante omni. Capitulo 3: Aristizabal D, Gris O, Güell JL, Elies D. Estudio endotelial con microscopia especular

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Jose L. Güell MD, PhD; Merce Morral MD, PhD; Oscar Gris MD, PhD; Daniel Elies MD; Felicidad Manero MD Treatment of symptomatic bullous keratopathy with poor visual prognosis using a modified Gundersen conjunctival flap and amniotic membrane (submitted in the BJO. October 2011)

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