Sottolineatura dei punti di eccellenza

L'U.O.C. di Oculistica di Venezia in collaborazione con Fondazione Banca degli Occhi di Mestre è un Centro di Eccellenza Nazionale per la Chirurgia del Trapianto di Cornea e Patologia dellaSuperficie Oculare. I pazienti provengono per l'80% da fuori ULSS e per il 60% da fuori regione. Attualmente la media delle prestazioni ambulatoriali annue è di circa 3.500 e di circa 200-250 trapianti di cornea annuali.

Alcune delle più recenti pubblicazioni relative alla Distrofia Corneale Endoteliale di Fuchs:

1. Cost-effectiveness analysis of preloaded versus non-preloaded Descemet membrane endothelialkeratoplasty for the treatment of Fuchs endothelial corneal dystrophy in an academic centre.
Böhm M, Leon P, Wylęgała A, Ong Tone S, Condron T, Jurkunas U. Br J Ophthalmol. 2021 Feb 26: bjophthalmol-2020-317536. doi: 10.1136/bjophthalmol-2020-317536. PMID: 33637619

2. One-Year Clinical Outcomes of Preloaded Descemet Membrane Endothelial Keratoplasty Versus Non-Preloaded Descemet Membrane Endothelial Keratoplasty.
Böhm MS, Wylegala A, Leon P, Ong Tone S, Ciolino JB, Jurkunas UV. Cornea. 2021 Mar 1; 40 (3): 311-319. doi: 10.1097/ICO.0000000000002430. PMID: 32740011

3. Clinical Outcomes of Preloaded Descemet Membrane Endothelial Keratoplasty Grafts With EndotheliumTri-Folded Inwards.
Busin M, Leon P, D'Angelo S, Ruzza A, Ferrari S, Ponzin D, Parekh M. Am J Ophthalmol. 2018 Sep; 193: 106-113. doi: 10.1016/j.ajo.2018.06.013. Epub 2018 Jun 27.PMID: 29940169

4. Anterior Segment Optical Coherence Tomography of Post-Descemet Stripping Automated EndothelialKeratoplasty Eyes to Evaluate Graft Morphology and Its Association With Visual Outcome.
Graffi S, Leon P, Mimouni M, Nahum Y, Spena R, Mattioli L, Busin M. Cornea. 2018 Sep; 37 (9): 1087-1092. doi: 10.1097/ICO.0000000000001596. PMID: 29923858

5. Outcomes of ultrathin Descemet stripping automated endothelial keratoplasty (UT-DSAEK) performedin eyes with failure of primary Descemet membrane endothelial keratoplasty (DMEK). Graffi S, Leon P, Nahum Y, Gutfreund S, Spena R, Mattioli L, Busin M. Br J Ophthalmol. 2018 May 29:bjophthalmol-2017-311834. doi: 10.1136/bjophthalmol-2017-311834. PMID: 29844085

6. Factors Associated With Early Graft Detachment in Primary Descemet Membrane EndothelialKeratoplasty
Leon P, Parekh M, Nahum Y, Mimouni M, Giannaccare G, Sapigni L, Ruzza A, Busin M. Am J Ophthalmol. 2018 Mar;187:117-124. doi: 10.1016/j.ajo.2017.12.014. Epub 2018 Jan 12. PMID:29339064

7. Graft detachment and rebubbling rate in Descemet membrane endothelial keratoplasty. Parekh M, Leon P, Ruzza A, Borroni D, Ferrari S, Ponzin D, Romano V. Surv Ophthalmol. 2018 Mar-Apr; 63 (2): 245-250. doi: 10.1016/j.survophthal.2017.07.003. Epub 2017 Jul 22. PMID: 28739402 Review.

8. Factors Associated With Graft Detachment After Primary Descemet Stripping Automated EndothelialKeratoplasty. Nahum Y, Leon P, Mimouni M, Busin M. Cornea. 2017 Mar; 36 (3): 265-268. doi: 10.1097/ICO.0000000000001123. PMID: 28079683

9. Deep Anterior Lamellar Keratoplasty After Descemet Stripping Automated Endothelial Keratoplasty.
Gutfreund S, Leon P, Graffi S, Busin M. Am J Ophthalmol. 2017 Mar; 175: 129-136. doi: 10.1016/j.ajo.2016.12.012. Epub 2016 Dec 23. PMID: 28017678

10. Contact Lens-Assisted Pull-Through Technique for Delivery of Tri-Folded (Endothelium in) DMEKGrafts Minimizes Surgical Time and Cell Loss.
Busin M, Leon P, Scorcia V, Ponzin D. Ophthalmology. 2016 Mar; 123 (3): 476-83. doi: 10.1016/j.ophtha.2015.10.050. Epub 2015 Dec 11. PMID: 26686969

11. Postoperative Graft Thickness Obtained With Single-Pass MicrokeratomeAssisted UltrathinDescemet Stripping Automated Endothelial Keratoplasty.
Nahum Y, Leon P, Busin M. Cornea. 2015 Nov; 34 (11): 1362-4. doi: 10.1097/ICO.0000000000000603. PMID: 26356756

12. Five-Year Outcomes of Ultrathin Descemet Stripping Automated Endothelial Keratoplasty.
Madi S, Leon P, Nahum Y, D'Angelo S, Giannaccare G, Beltz J, Busin M.
Cornea. 2019 Sep; 38 (9): 1192-1197. doi: 10.1097/ICO.0000000000001999. PMID: 31246680

ALTRE PUBBLICAZIONI

The Orphan Drug for Acanthamoeba Keratitis (ODAK) Trial: PHMB 0.08% (Polihexanide) and Placebo versus PHMB 0.02% and Propamidine 0.1.
Dart JKG, Papa V, Rama P, Knutsson KA, Ahmad S, Hau S, Sanchez S, Franch A, Birattari F, Leon P, Fasolo A, Kominek EM, Jadczyk-Sorek K, Carley F, Hossain P, Minassian DC.Ophthalmology. 2024 Mar;131(3):277-287. doi: 10.1016/j.ophtha.2023.09.031. Epub 2023 Oct 5.PMID: 37802392 Free article**.** Clinical Trial.

Dry Eye Disease: From Causes to Patient Care and Clinical Collaboration-A Narrative Review.
Aragona P, Barabino S, Di Zazzo A, Giannaccare G, Villani E, Aiello F, Antoniazzi E, Bonini S, Cantera E, Carlini G, Chierego C, Colabelli R, Fasciani R, Franch A, Gabbriellini G, Gagliano CMR, Leonardi A, Macrì A, Mencucci R, Mosca L, Orfeo V, Pinna A, Pocobelli A, Protti R, Rama P, Rania L, Rechichi M, Rubino P, Russo A, Scorcia V, Spadea L, Trentadue M, Troisi S, Versura P, Rolando M.Ophthalmol Ther. 2025 Jul;14(7):1411-1428. doi: 10.1007/s40123-025-01161-8. Epub 2025 May 28.PMID: 40434534 Free PMC article. Review.

The Management of Dry Eye Disease: Proceedings of Italian Dry Eye Consensus Group Using the Delphi Method.
Aragona P, Giannaccare G, Mencucci R, Rubino P, Cantera E, Finocchiaro CY, Vaccaro S, Aiello F, Antoniazzi E, Barabino S, Bonini S, Carlini G, Chierego C, Gisoldi RAMC, Di Zazzo A, Fasciani R, Franch A, Gabbriellini G, Gagliano C, Leonardi A, Macrì A, Mosca L, Orfeo V, Pinna A, Pocobelli A, Protti R, Rama P, Rania L, Rechichi M, Russo A, Scorcia V, Spadea L, Trentadue M, Troisi S, Versura P, Villani E, Rolando M.J Clin Med. 2022 Oct 30;11(21):6437. doi: 10.3390/jcm11216437.PMID: 36362665 Free PMC article.

Acanthamoeba keratitis treatment outcomes compared for drug delivery by protocol versus physician's individualised treatment.
Dart JKG, Papa V, Rama P, Knutsson KA, Ahmad S, Hau S, Sanchez S, Franch A, Birattari F, Leon P, Fasolo A, Mrukwa-Kominek E, Jadczyk-Sorek K, Carley F, Parwez H, Minassian DC.Ocul Surf. 2025 Apr 7;38:132-141. doi: 10.1016/j.jtos.2025.03.008. Online ahead of print.PMID: 40204130 Free article.

Treatment of *Acanthamoeba* keratitis with high dose PHMB (0.08%) monotherapy in clinical practice: A case series.
Franch A, Knutsson KA, Pedrotti E, Fasolo A, Bertuzzi F, Birattari F, Bonacci E, Leon P, Papa V.Eur J Ophthalmol. 2025 Jul;35(4):1235-1241. doi: 10.1177/11206721241299470. Epub 2024 Nov 14.PMID: 39539150 Free PMC article.

Sterile Corneal Infiltrates following Cataract Surgery: Case Series.
Franch A, Bini S, Francescutti L, Birattari F, Leon P, Bonamartini D, Gambato T, Altafini R.Case Rep Ophthalmol. 2023 Sep 26;14(1):484-490. doi: 10.1159/000533768.

eCollection 2023 Jan-Dec.PMID: 37901650 Free PMC article

Hemi-Ultrathin Descemet Stripping Automated Endothelial Keratoplasty (Hemi-UT-DSAEK) Using Pediatric Donor Corneas: A Case Series.
Leon P, Francescutti L, Gentile P, Birattari F, Ponzin D, Camposampiero D, Franch A, Parekh M.J Clin Med. 2023 Aug 22;12(17):5442. doi: 10.3390/jcm12175442.PMID: 37685508 Free PMC article

Corneal transplantation during the COVID-19 pandemic: An operational guide.
Franch A, Fasolo A, Carraro P, Favarato M, Birattari F, Leon PE, Ponzin D.
Eur J Ophthalmol. 2021 Mar.

Biobanking corneal tissues for emergency procedures during COVID-19 era.
Parekh M, Ferrari S, Ruzza A, Leon P, Franch A, Camposampiero D, Gadhvi KA, Ponzin D, Ahmad S, Romano V.
Indian J Ophthalmol. 2021 Jan;69(1):167-168. doi: 10.4103/ijo.IJO_2615_20

Banking of corneal stromal lenticules: a risk analysis assessment with the EuroGTP II interactive tool
Trias E, Gallon P, Ferrari S, Piteira AR, Tabera J, Casaroli-Marano RP, Parekh M, Ruzza A, Franch A, Ponzin D
Cell Tissue Bank 2020

EuroGTP II: a tool to assess risk, safety and efficacy of substances of human origin
Trias E, Lomas R, Tabera J, Piteira AR, Tilleman K, Casaroli-Marano RP, Chandrasekar A; EuroGTP II Study Group.
Int J Qual Health Care. 2020 Apr 21;32(1):80-84. doi: 10.1093/intqhc/mzz048.PMID: 31087044

Evaluating risk, safety and efficacy of novel reproductive techniques and therapies through the EuroGTP II risk assessment tool.
Trias E, Nijs M, Rugescu IA, Lombardo F, Nikolov G, Provoost V, Tolpe A, Vermeulen N, Veleva Z, Piteira R, Casaroli-Marano R, Tilleman K; EuroGTP II Study Group.
Hum Reprod 2020 Aug 1;35(8):1821-1838. doi: 10.1093/humrep/deaa146.

Collaborators

- **EuroGTP II Study Group**:
Anna Vilarrodona, A Rita Piteira, Elba Agustí, Elisabet Tahull, Esteve Trias, Eva Maria Martinez, Ivan Miranda, Jaime Tabera, Maria Luisa Perez, Marta Torrabadella, Nausica Otero, Oscar Fariñas, Patricia López-Chicón, Sergi Querol, Ricardo Casaroli, Akila Chandrasekar, Kyle Bennett, Paul Rooney, Richard Lomas, Mar Carmona, Esteban Molano, Myriam Ormeño, Branka Golubić Ćepulić, Ivan Rozman, Marijana Dragović, Cristina Pintus, Eliana Porta, Fiorenza Bariani, Letizia Lombardini, Liliam Santilli, Mariapia Mariani, Paola Di Ciaccio, Silvia Pisanu, Artur Kamiński, Izabela Uhrynowska-Tyszkiewicz, Ewa Olender, Anne Marie van Walraven, Arlinke Bokhorst, Ingrid van Veen, Kelly Tilleman, Tolpe Annelies, Veerle Provoost, Lieve Nuytinck, Maryana Simeonova, Daniela Staneva-Petkova, Dessislava Tzoneva, Tsvetelina Kircheva-Nikolova, Violetta Marinkova, Valery Georgiev, Yoran Peev, Elizabeth Manova, Cecilia Surján, Éva Belicza, Gábor Szarvas, Judit Lám, László Bencze, Martin Börgel, Mareike Derks, Sibylla Schwarz, Ramadan Jashari, Richard N Noumanje, Rosario Daiz Rodriguez, Tiia

Tallinen, Hanna Kankkonen, Toni-Karri Pakarinen, Gilbert Verbeken, Jean-Paul Pirnay, Thomas Rose, Jean-Pierre Draye, Simone Hennerbichler, Jill Davies, Jacinto Ibañez, Cristina Magli, Nathalie Vermeulen, Monserrat Boada, Eoin McGrath, John Armitage, Gary Jones, Marta Fraga, Dulce Roldao, Josefina Oliveira, Adolfo Paolin, Diletta Trojan, Giulia Montagner, Diego Ponzin, Stefano Ferrari, Francesco Lombardo, Carlijn Voermans, Nelleke Richters, Ioana Adina Rugescu, Gianpaolo Azzena, Assunta Fabozzo, Helene Schoenmans, Jose Luis Pomar, Pablo Gelber, Katalin Rajczy, Boris Calmels, Stephan Mielke, Tanja Netelenbos, Mirko Ragazzo, Gueorgui Nikolov, Elisabetta Marton, Martine Nijs, Antonella Franch, Gianluca Piovan, Francesco Dell'Antonia, Martyn Snow, Ines Bojanic, Zdravka Veleva, Grezgorz Basak, Margarida Amil, Sandra Shaw, Aurora Navarro, Tim Spalding, Peter Verdonk

Gender medicine in corneal transplantation: influence of sex mismatch on rejection episodes and graft survival in a prospective cohort of patients
Adriano Fasolo [1 2 3], Paola Gallon [4], Anna Chiara Frigo [5], Federica Birattari [6], Cristina Monterosso [7], Emilio Rapizzi [7], Tommaso Brighenti [8], Emilio Pedrotti [8], Costanzo Marro [9], Pietro Viola [9], Diego Ponzin [4], Antonella Franch
Cell Tissue Bank 2020

Shotgun sequencing to determine corneal infection
Parekh M, Romano V, Franch A, Leon P, Birattari F, Borroni F, Kaye SB, Ponzin D, Ahmad S, Ferrari S.
American Journal of Opthalmology Case Reports 19 (2020)

Safety outcomes and long- term effectiveness of ex vivo autologous cultured limbal epithelial transplantation for limbal stem cell deficiency.
Fasolo A, Pedrotti E, Passilongo M, Marchini G, Monterosso C, Zampini R, Bohm E, Birattari F, Franch A, Barbaro V, Bertolin M, Breda C, Di Iorio E, Ferrari B, Ferrari S, Meneguzzi M, Ponzin D.
Br J Ophthalmol. 2016 Aug 19. pii: bjophthalmol-2015-308272. doi: 10.1136/bjophthalmol-2015-308272.

Evaluation of intrastromal Riboflavin Concentration in Human Corneas after Three Corneal Cross-Linking Imbibition Procedures: A Pilot Study
Franch A, Birattari F, Dal Mas G, Lužnik Z, Parekh M, Ferrari S, Ponzin D.
J Ophthalmol. 2015;2015:794256. doi: 10.1155/2015/794256. Epub 2015 Dec 29.

Risk factors for graft failure after penetrating keratoplasty; 5-year follow up from the corneal transplant epidemiological study.
Fasolo A, Capuzzo C, Fornea M, Franch A, Birattari F, Carito G, Cucco F, Prosdocimo G, Sala M, Delle Noci N, Primavera V, Frigo AC, Grigoletto F, Ponzin D; CORTES Study Group.
Cornea. 2011 Dec;30(12):1328-35. doi: 10.1097/ICO.0b013e318206895a.

Two red eyes and one asymptomatic donor
Camposampiero D, Caramello G, Indemini P, Gerten G, Franch A, Birattari F, Donisi PM, Paolin A, Ferrari S, Ponzin D.
Lancet. 2009 Nov 21;374(9703):1792. doi: 10.1016/S0140-6736(09)61373-8. No abstract available

Efficacy of media enriched with nonlactate-generating substrate for organ preservation: in vitro and clinical studies using the cornea model.

Chen CH, Rama P, Chen AH, Franch A, Sulewski M, Orlin S, Chen EH, Tseng SH, Lee H, Wang CC, Hung GY, Chan MY, Huang MS, Chen SC.
Transplantation 1999 Mar 27, 67(6) 800-8TwT

LIBRI (CAPITOLI)

2025	La superficie oculare alla lampada a fessura Atlante Illustrato-Collaboratore Ed SO Onlus
2024	Monografia: La malattia erpetica oculare S.I.TRA.C. Capitolo: Cataratta ed herpes Antonio Delfino ed
2023	Monografia: Ocular surface reconstruction S.I.TRA.C. Capitolo: Il ricoprimento della cornea con lembi congiuntivali ed altri tessuti. Indicazioni e tecniche Antonio Delfino ed
2022	Monografia: Malattie della superficie oculare S.I.TRA.C. Capitolo:L'epitelio corneale e il limbus Antonio Delfino ed
2020	Monografia: Le Cheratoplastiche Endoteliali S.I.TRA.C. Capitolo: Lo scompenso corneale: cause e diagnosi differenziale Antonio Delfino ed
2019	Monografia: Le cheratiti S.I.TRA.C. Capitolo Cheratiti da Acanthamoeba Antonio Delfino ed
2018	Atlante fotografico. L'Oculista Italiano. Algoritmo diagnostico terapeutico delle infezioni oculari Capitolo: Cheratite da Acanthamoeba ed S.I.F.I. spa

2018	Monografia:Il cheratocono. S.I.TRA.C. Capitolo:eziopatogenesi del cheratocono
2009	Superficie Oculare Up To Date: Membrana amniotica e trapianto corneale Atti congresso Bari 26/27 giugno 2009 pg 429-433 Ed Art Stampa Monopoli
2006	Occhio e Cellule Staminali: La cheratoplastica e la ricostruzione della Superficie Oculare, cap 22. pg 315-319 Ed Fabiano
2004	Il Cheratocono. Complicanze. Cap.13-13,6 pg 363-378. ed SOI
2004	La Superficie Oculare Dalla A alla Z: Innesto di membrana amniotica, pg 205-215 Atti congresso Bari 2/3 luglio 2004. Ed Art Stampa Monopoli