

BOSTON KERATOPROSTHESIS LITERATURE

2017

- Kaufman AR, Cruzat A, Colby KA. Clinical outcomes using oversized back plates in type I Boston keratoprosthesis. *Eye Contact Lens*. 2017 Dec 5. doi: 10.1097/ICL.0000000000000446.
- Sravani NG, Mohamed A, Sangwan VS. Type 1 Boston keratoprosthesis for limbal stem cell deficiency in epidermolysis bullosa. *Ocul Immunol Inflamm*. 2017 Nov 3:1-3. doi: 10.1080/09273948.2017.1390588.
- Schaub F, Neuhann I, Enders P, Bachmann BO, Koller B, Neuhann T, Cursiefen C. [Boston keratoprosthesis: 73 eyes from Germany : An overview of experiences from two centers]. *Ophthalmologe*. 2017 Oct 17. doi: 10.1007/s00347-017-0581-0.
- Ono T, Iwasaki T, Miyata K. Fungal keratitis After Boston keratoprosthesis. *JAMA Ophthalmol*. 2017 Oct 12;135(10):e173272. doi: 10.1001/jamaophthalmol.2017.3272.
- Perez VL, Leung EH, Berrocal AM, Albin TA, Parel JM, Amescua G, Alfonso EC, Ali TK, Gibbons A. Impact of total pars plana vitrectomy on postoperative complications in aphakic, Snap-On, type 1 Boston keratoprosthesis. *Ophthalmology*. 2017 Oct;124(10):1504-1509. doi: 10.1016/j.ophtha.2017.04.016.
- Muzychuk AK, Durr GM, Shine JJ, Robert MC, Harissi-Dagher M. No light perception outcomes following Boston keratoprosthesis type 1 surgery. *Am J Ophthalmol*. 2017 Sep;181:46-54. doi: 10.1016/j.ajo.2017.06.012.
- Lin M, Bhatt A, Haider A, Kim G, Farid M, Schmutz M, Mosaed S. Vision retention in early versus delayed glaucoma surgical intervention in patients with Boston keratoprosthesis type 1. *PLoS One*. 2017 Aug 4;12(8):e0182190. doi: 10.1371/journal.pone.0182190. eCollection 2017.
- Saeed HN, Shanbhag S, Chodosh J. The Boston keratoprosthesis. *Curr Opin Ophthalmol*. 2017 Jul;28(4):390-396.
- Abdelaziz M, Dohlman CH, Sayegh RR. Measuring forward light scatter by the Boston keratoprosthesis in various configurations. *Cornea*. 2017 Jun;36(6):732-735.
- Schaub F, Bachmann BO, Seyeddain O, Moussa S, Reitsamer HA, Cursiefen C. [Mid- and longterm experiences with the Boston-keratoprosthesis. The Cologne and Salzburg perspective]. *Klin Monbl Augenheilkd*. 2017 Jun;234(6):770-775.
- Robert MC, Črnež A, Shen LQ, Papaliodis GN, Dana R, Foster CS, Chodosh J, Dohlman CH. Infliximab after Boston keratoprosthesis in Stevens-Johnson syndrome: an update. *Ocul Immunol Inflamm*. 2017 Jun;25(3):413-417.
- Petrou P, Banerjee PJ, Wilkins MR, Singh M, Eastlake K, Limb GA, Charteris DG. Characteristics and vitreoretinal management of retinal detachment in eyes with Boston keratoprosthesis. *Br J Ophthalmol*. 2017 May;101(5):629-633.
- Gologorsky D, Williams BK Jr, Flynn HW Jr. Posterior pole retinal detachment due to a macular hole in a patient with a Boston keratoprosthesis. *Am J Ophthalmol Case Rep*. 2017 Apr;5:56-58.
- Homayounfar G, Grassi CM, Al-Moujahed A, Colby KA, Dohlman CH, Chodosh J. Boston keratoprosthesis type I in the elderly. *Br J Ophthalmol*. 2017 Apr;101(4):514-518.
- Hussain Farooqui J, Sharifi E, Gomaa A. Corneal surgery in the flying eye hospital: characteristics and visual outcome. *Can J Ophthalmol*. 2017 Apr;52(2):161-165.

- Poon LY, Chodosh J, Vavvas DG, Dohlman CH, Chen TC. Endoscopic cyclophotocoagulation for the treatment of glaucoma in Boston keratoprosthesis type II patient. *J Glaucoma*. 2017 Apr;26(4):e146-e149.
- Miyata K. Sustainability of anterior segment surgery. *Nippon Ganka Gakkai Zasshi*. 2017 Mar;121(3):249-91.
- Choi CJ, Stagner AM, Jakobiec FA, Chodosh J, Yoon MK. Eyelid mass in Boston keratoprosthesis type 2. *Ophthalmic Plast Reconstr Surg*. 2017 Mar/Apr;33(2):e39-e41.
- Vaillancourt L, Papanagnu E, Elfekhfakh M, Fadous R, Harissi-Dagher M. Outcomes of bilateral sequential implantation of the Boston keratoprosthesis type 1. *Can J Ophthalmol*. 2017 Feb;52(1):80-84.
- Scotto R, Vagge A, Traverso CE. Corneal graft dellen in a patient implanted with a Boston keratoprosthesis type 1. *Int Ophthalmol*. 2017 Feb;37(1):263-266.
- Baratz KH, Goins KM. The Boston keratoprosthesis: highs and lows of intraocular pressure and outcomes. *Ophthalmology*. 2017 Jan;124(1):9-11.
- Muzychuk AK, Robert MC, Dao S, Harissi-Dagher M. Boston keratoprosthesis type 1: a randomized controlled trial of fresh versus frozen corneal donor carriers with long-term follow-up. *Ophthalmology*. 2017 Jan;124(1):20-26.
- Lee R, Khoueir Z, Tsikata E, Chodosh J, Dohlman CH, Chen TC. Long-term visual outcomes and complications of Boston keratoprosthesis type II implantation. *Ophthalmology*. 2017 Jan;124(1):27-35.

2018

- Iyer G, Srinivasan B, Agarwal S, Pattanaik R, Rishi E, Rishi P, Shanmugasundaram S, Natarajan V. Keratoprostheses in silicone oil-filled eyes: long-term outcomes. *Br J Ophthalmol*. 2018 Jul 18. pii: bjophthalmol-2018-312426.
- Ang M, Man R, Fenwick E, Lamoureux E, Wilkins M. Impact of type I Boston keratoprosthesis implantation on vision-related quality of life. *Br J Ophthalmol*. 2018 Jul;102(7):878-881.
- Gonzalez-Andrades M, Sharifi R, Islam MM, Divoux T, Haist M, Paschalis EI, Gelfand L, Mamodaly S, Di Cecilia L, Cruzat A, Ulm FJ, Chodosh J, Delori F, Dohlman CH. Improving the practicality and safety of artificial corneas: Pre-assembly and gamma-rays sterilization of the Boston Keratoprosthesis. *Ocul Surf*. 2018 Jul;16(3):322-330.
- Shanbhag SS, Saeed HN, Paschalis EI, Chodosh J. Boston keratoprosthesis type 1 for limbal stem cell deficiency after severe chemical corneal injury: A systematic review. *Ocul Surf*. 2018 Jul;16(3):272-281.
- Wang JC, Rudnisky CJ, Belin MW, Ciolino JB; Boston type 1 Keratoprosthesis Study Group. Outcomes of Boston keratoprosthesis type 1 reimplantation: multicentre study results. *Can J Ophthalmol*. 2018 Jun;53(3):284-290.
- Helms RW, Zhao X, Sayegh RR. Keratoprosthesis decentration and tilt results in degradation in image quality. *Cornea*. 2018 Jun;37(6):772-777.
- Samarawickrama C, Strouthidis N, Wilkins MR. Boston keratoprosthesis type 1: outcomes of the first 38 cases performed at Moorfields Eye Hospital. *Eye (Lond)*. 2018 Jun;32(6):1087-1092.
- Ali MH, Dikopf MS, Finder AG, Aref AA, Vajaranant T, de la Cruz J, Cortina MS. Assessment of glaucomatous damage after Boston keratoprosthesis implantation based on

digital planimetric quantification of visual fields and optic nerve head imaging. *Cornea*. 2018 May;37(5):602-608.

- Iyer G, Srinivasan B, Agarwal S, Talele D, Rishi E, Rishi P, Krishnamurthy S, Vijaya L, Subramanian N, Somasundaram S. Keratoprosthesis: Current global scenario and a broad Indian perspective. *Indian J Ophthalmol*. 2018 May;66(5):620-629.
- Geetha Sravani N, Mohamed A, Sangwan VS. Response to Modabber and Harissi-Dagher's Letter: "Type 1 Boston Keratoprosthesis for Limbal Stem Cell Deficiency in Epidermolysis Bullosa". *Ocul Immunol Inflamm*. 2018 Apr 12:1.
- Modabber M, Harissi-Dagher M. Letter to the Editor: Type 1 Boston keratoprosthesis for limbal stem cell deficiency in epidermolysis bullosa. *Ocul Immunol Inflamm*. 2018 Mar 15:1-2.
- Gibbons A, Leung EH, Haddock LJ, Medina CA, Fernandez V, Parel JA, Durkee HA, Amescua G, Alfonso EC, Perez VL. Long-term outcomes of the aphakic snap-on Boston type I keratoprosthesis at the Bascom Palmer Eye Institute. *Clin Ophthalmol*. 2018 Feb 15;12:331-337.
- Talati RK, Hallak JA, Karas FI, de la Cruz J, Cortina MS. Retroprosthetic membrane formation in Boston keratoprosthesis: a case-control-matched comparison of titanium versus PMMA backplate. *Cornea*. 2018 Feb;37(2):145-150.
- Fung SSM, Jabbour S, Harissi-Dagher M, Tan RRG, Hamel P, Baig K, Ali A. Visual outcomes and complications of type I Boston keratoprosthesis in children: a retrospective multicenter study and literature review. *Ophthalmology*. 2018 Feb;125(2):153-160.
- Nowak M, Nowak L, Nowak J, Chaniecki P. [Fixed and temporary keratoprosthesis]. *Pol Merkur Lekarski*. 2018 Jan 23;44(259):36-40. Review.
- Lim JI, Machen L, Arteaga A, Karas FI, Hyde R, Cao D, Niec M, Vajaranant TS, Cortina MS. Comparison of visual and anatomical outcomes of eyes undergoing type I Boston keratoprosthesis with combination pars plana vitrectomy with eyes without combination vitrectomy. *Retina*. 2018 Jan 23.
- Silva LD, Santos A, Sousa LB, Allemann N, Oliveira LA. Anterior segment optical coherence tomography findings in type I Boston keratoprosthesis. *Arq Bras Oftalmol*. 2018 Jan-Feb;81(1):42-46.
- Sun YC, Kam JP, Shen TT. Modified conjunctival flap as a primary procedure for nontraumatic acute corneal perforation. *Ci Ji Yi Xue Za Zhi*. 2018 Jan-Mar;30(1):24-28.
- Zarei-Ghanavati M, Shalaby Bardan A, Liu C. 'On the capability and nomenclature of the Boston Keratoprosthesis type II'. *Eye (Lond)*. 2018 Jan;32(1):9-10.
- Bouhout S, Robert MC, Deli S, Harissi-Dagher M. Corneal melt after Boston keratoprosthesis: clinical presentation, management, outcomes and risk factor analysis. *Ocul Immunol Inflamm*. 2018;26(5):693-699.
- Mohamed A, Shah R, Sangwan VS. Boston-keratoprosthesis for idiopathic limbal stem cell deficiency. *Ocul Immunol Inflamm*. 2018;26(5):689-692.
- Gu J, Zhai J, Liao G, Chen J. Boston Type I Keratoprosthesis implantation following autologous submandibular gland transplantation for end stage ocular surface disorders. *Ocul Immunol Inflamm*. 2018;26(3):452-455.
- Malhotra C, Jain AK, Aggarwal N. Fungal keratitis and endophthalmitis after implantation of type 1 keratoprosthesis. *Oman J Ophthalmol*. 2018 Jan-Apr;11(1):62-64.

- Baltaziak M, Chew HF, Podbielski DW, Ahmed IIK. Glaucoma after corneal replacement. *Surv Ophthalmol.* 2018 Mar - Apr;63(2):135-148

2019

- Iyer G, Srinivasan B, Agarwal S, Ravindran R, Rishi E, Rishi P, Krishnamoorthy S. Boston Type 2 keratoprosthesis- mid term outcomes from a tertiary eye care centre in India. *Ocul Surf.* 2019 Jan;17(1):50-54.
- Matthaei M, Bachmann B, Hos D, Siebelmann S, Schaub F, Cursiefen C. [Boston type I keratoprosthesis implantation technique : Video article]. *Ophthalmologe.* 2019 Jan;116(1):67-72.
- Paschalis EI, Taniguchi EV, Chodosh J, Pasquale LR, Colby K, Dohlman CH, Shen LQ. Blood levels of tumor necrosis factor alpha and its type 2 receptor are elevated in patients with Boston type I keratoprosthesis. *Curr Eye Res.* 2019 Jan 11:1-8.
- Gao M, Chen Y, Wang J, Wang C. Post-operative outcomes associated with Boston type 1 keratoprosthesis implantation in Northeast China. *Exp Ther Med.* 2019 Jan;17(1):869-873.
- Cortina MS, Karas FI, Bouchard C, Aref AA, Djalilian A, Vajaranant TS. Staged ocular fornix reconstruction for glaucoma drainage device under neoconjunctiva at the time of Boston type 1 Keratoprosthesis implantation. *Ocul Surf.* 2019 Feb 8. pii: S1542-0124(18)30350-1.
- Enders P, Hall J, Bornhauser M, Mansouri K, Altay L, Schrader S, Dietlein TS, Bachmann BO, Neuhann T, Cursiefen C. Telemetric intraocular pressure monitoring after Boston keratoprosthesis surgery with the Eyemate-IO Sensor: Dynamics in the first year. *Am J Ophthalmol.* 2019 Mar 5. pii: S0002-9394(19)30084-4.
- Basu S, Serna-Ojeda JC, Senthil S, Pappuru RR, Bagga B, Sangwan V. The auroKPro versus the Boston type I keratoprosthesis: 5-year clinical outcomes in 134 cases of bilateral corneal blindness. *Am J Ophthalmol.* 2019 Mar 21. pii: S0002-9394(19)30122-9.
- de la Paz MF, Salvador-Culla B, Charoenrook V, Temprano J, de Toledo JÁ, Grabner G, Michael R, Barraquer RI. Osteo-odonto-, Tibial bone and Boston keratoprosthesis in clinically comparable cases of chemical injury and autoimmune disease. *Ocul Surf.* 2019 Apr 12. pii: S1542-0124(18)30378-1.
- Karas F, Arteaga A, Barrionuevo P, Cao D, McAnany J, Shorter E, Cortina M. Intraocular light scatter in eyes with the Boston type 1 keratoprosthesis. *Cornea.* 2019;38(1):50-53.
- Bakshi SK, Paschalis EI, Graney, J, Chodosh J. Lucia and beyond: development of an affordable keratoprosthesis. *Cornea.* 2019;38(4):492-497.
- Nascimento E Silva R, Shen LQ, Chiou CA, Shanbhag SS, Paschalis EI, Pasquale LR, Colby KA, Dohlman CH, Chodosh J, Alves MR. Glaucoma management in patients with aniridia and Boston type 1 keratoprosthesis. *Am J Ophthalmol.* 2019; 207:258-267.
- Moshiri A, Safi M, Morse LS, Tang VD, Yiu G, Park SS, Schwab I, Li J, Mannis MJ. Posterior segment complications and impact on long-term visual outcomes in eyes with a type 1 Boston keratoprosthesis. *Cornea.* 2019; 38(9):1111-1116.
- Priddy J, Bardan AS, Tawfik HS, Liu C. Systematic review and meta-analysis of the medium- and long-term outcomes of the Boston type 1 keratoprosthesis. *Cornea* 2019; 38(11):1465-1473.

- Khoueir Z, Jassim F , Braaf B , Poon LY-C , Tsikata E , Chodosh J, Dohlman CH, Vakoc BJ , Bouma BE , de Boer JF , Chen TC. Three-dimensional optical coherence tomography imaging for glaucoma associated with Boston keratoprosthesis type I and II. *J Glaucoma* 2019; 28(8):718-726.
- Marchand M, Harissi-Dagher M. Recurrent preseptal cellulitis in Boston keratoprosthesis type II implantation for ocular Stevens-Johnson syndrome. *Can J Ophthalmology* 2019 September 14. Pii: :S0008-4182(19)30406-5
- Nascimento E Silva R , Taniguchi EV , Cruzat A, Paschalis EI, Pasquale LR, Colby KA, Dohlman CH, Chodosh J, Shen LQ. Angle anatomy and glaucoma in patients with Boston keratoprosthesis. *Cornea* 2019 Nov 18. doi: 10.1097/ICO.0000000000002216.

2020

- Szigiato A-A, Bostan C, Nayman T, Harissi-Dagher M. Long-term visual outcomes of the Boston type I keratoprosthesis in Canada. *Br J Ophthalmol*. 2020 Feb 17. [bjophthalmol-2019-315345](https://doi.org/10.1136/bjophthalmol-2019-315345).
- Jabbour S, Harissi-Dagher M, Agoumi Y, Singh H, Robert MC. Cyclophotocoagulation in the control of glaucoma in patients with the Boston keratoprosthesis type 1. *Cornea* 2020; 39(2):181-185.
- Bostan C, Elfekhfakh M, Harissi-Dagher M. Patient-reported vision-related quality of life after Bostontype I keratoprosthesis. *Cornea* 2020; 39(2):222-228.
- Jerez-Peña M, Salvador-Culla B, de la Paz MF, Barraquer RI. Bilateral Boston keratoprosthesis type 1 in a case of severe Mooren's ulcer. *Eur J Ophthalmol*. 2020 March 6. 6:1120672120909768.
- Chen Y, Wang C, Liu Q, Wang Z, Gao M. Comparison of the clinical efficacy of Boston keratoprosthesis type I and repetitive penetrating keratoplasty for refractory keratopathy . *J Craniofac Surg*. 2020 Mar/Apr; 31(2):e194-e199.
- Manachai Nonpassopon, Muanploy Niparugs , Maria Soledad Cortina. Boston Type 1 Keratoprosthesis: Updated Perspectives. *Clin Ophthalmol*. 2020 Apr; 29; 14:1189-1200.
- Pui-Chuen Hui , Leonardo A Pereira , Renald Dore , Shengtong Chen , Elise Taniguchi , James Chodosh , Claes H Dohlman , Eleftherios I Paschalis . Intrinsic Optical Properties of Boston Keratoprosthesis. *Transl Vis Sci Technol*. 2020 Nov 3; 9(12):10.
- Liqiang Wang , Zongyuan Li , Tengyun Wu , Anqi Liu , Xiezhou He , Shuo Zheng , Tao Ye , Liyuan Rong , Yifei Huang . Modified Boston Type-II Keratoprosthesis Implantation with Autologous Auricular Cartilage Reinforcement. *Ocul Surf*. 2020 Nov 25; S1542-0124(20)30179-8.
- Luís Camacho , Anna Soldevila , María Fideliz de la Paz . Transmucosal Boston Keratoprosthesis Type I in a Patient with Advanced Ocular Cicatricial Pemphigoid. *Cornea*. 2020 Dec; 39(12):1563-1565.
- Swapna S Shanbhag , Sirisha Senthil , Ashik Mohamed , Sayan Basu . Outcomes of the Boston type 1 and the Aurolab keratoprosthesis in eyes with limbal stem cell deficiency. *Br J Ophthalmol*. 2020 Jun 17; [bjophthalmol-2020-316369](https://doi.org/10.1136/bjophthalmol-2020-316369).
- Matias Camerati , Neal Jaque, Jose Lievano, Maria A Henriquez, Luis Izquierdo Jr. Automated Keratopigmentation in Boston Type 1 Keratoprosthesis: An Aesthetic Alternative. *Cornea*. 2020 Dec; 39(12):1578-1580.
- Kevin K Ma ¹, Stephan Ong Tone, James Chodosh, Hajirah N Saeed. *Ochrobactrum anthropi* Keratitis in a Boston Type 1 Keratoprosthesis Recipient. *Cornea* 2020 Nov 19.

- Levi N Kanu , Muanploy Niparugs , Manachai Nonpassopon , Faris I Karas , Jose M de la Cruz , Maria S Cortina · Predictive factors of Boston Type I Keratoprosthesis outcomes: A long-term analysis. *Ocul Surf.* 2020 Oct; 18(4):613-619.
- Michael Marchand , Mona Harissi-Dagher . Recurrent preseptal cellulitis in Boston keratoprosthesis type II implantation for ocular Stevens-Johnson syndrome. *Can J Ophthalmol.* 2020 Apr; 55(2):e59-e61.
- Soumaya Bouhout , Marie-Claude Robert , Mona Harissi-Dagher . Mid-term prognosis of type I Boston keratoprosthesis reimplantation. *Br J Ophthalmol.* 2020 Oct 14; [bjophthalmol-2020-317598](#).
- Rafaella Nascimento E Silva , Elise V Taniguchi , Andrea Cruzat , Eleftherios I Paschalis , Louis R Pasquale , Kathryn A Colby , Claes H Dohlman , James Chodosh , Lucy Q Shen . Angle Anatomy and Glaucoma in Patients with Boston Keratoprosthesis. *Cornea.* 2020 Jun; 39(6):713-719.
- Andrei-Alexandru Szigiato , Cristina Bostan , Taylor Nayman , Mona Harissi-Dagher . Long-term visual outcomes of the Boston type I keratoprosthesis in Canada. *Br J Ophthalmol* 2020 Nov; 104(11):1601-1607.
- Andressa Zanini Fantato Quercia , Luzia Diegues Silva, Filipe de Oliveira, Sergio Henrique Teixeira, Luciene Barbosa de Sousa, Lauro Augusto de Oliveira. Visual Field Characteristics of Type I Boston Keratoprosthesis Patients without Glaucoma. *J Glaucoma.* 2020 Dec 29.
- Samir Touma , Mona Harissi-Dagher . Outcomes and complications of Boston keratoprosthesis type I implantation in unilateral versus bilateral corneal blindness. *Can J Ophthalmol.* 2020 Sep 28; S0008-4182(20)30741-9.
- Clemence Bonnet · Ismael Chehaibou , Reza Ghaffari , Nicholas J Jackson , Cristina Bostan , Jean-Pierre Hubschman , Mona Harissi-Dagher , Anthony J Aldave . Idiopathic Vitritis after Boston Type 1 Keratoprosthesis Implantation: Incidence, Risk Factors and Outcomes in a Multicentric Cohort. *Ocul Immunol Inflamm.* 2020 Oct 15; 1-7.
- Cristina Bostan¹, Taylor Nayman, Andrei-Alexandru Szigiato, Hussein Morfeq, Mona Harissi-Dagher. Endophthalmitis in Eyes With the Boston Type I Keratoprosthesis: Incidence, Recurrence, Risk Factors, and Outcomes. *Cornea.* 2020 Dec 31.
- Roy Daoud , Saama Sabeti , Mona Harissi-Dagher .Management of corneal melt in patients with Boston Keratoprosthesis Type 1: Repair versus repeat. *Ocul Surf.* 2020 Oct; 18(4):713-717.
- Takashi Ono , Yosai Mori , Ryohei Nejima , Takuya Iwasaki , Masahiko Fukuda , Keiichiro Minami , Kazunori Miyata . Short-term Interim Results of Clinical Outcomes and Complications after Implantation of Boston Keratoprosthesis in Japanese Patients. *Cornea.* 2020 Nov; 39 Suppl 1:S28-S33.
- Samar K Basak , Soham Basak .Recurrent cystoid macular edema following Boston keratoprosthesis type-II implantation: A treatment option. *Indian J Ophthalmol.* 2020 Aug; 68(8):1691-1693.
- Shaunak K Bakshi , John Graney , Eleftherios I Paschalis , Shweta Agarwal , Sayan Basu , Geetha Iyer , Christopher Liu , Bhaskar Srinivasan , James Chodosh . Design and Outcomes of a Novel Keratoprosthesis: Addressing Unmet Needs in End-Stage Cicatricial Corneal Blindness. *Cornea.* 2020 Apr; 39(4):484-490.
- Yuying Zhang , Zhancong Ou , Jin Zhou , Jiajie Zhai , Jianjun Gu , Jiaqi Chen Treatment of Oculoplastic and Ocular Surface Disease in Eyes Implanted with a Type I Boston

Keratoprosthesis in Southern China: A Retrospective Study. *Adv Ther.* 2020 Jul; 37(7):3206-3222.

- Luzia Diegues Silva, Albert Santos, Flavio Hirai, Norma Allemann, Adriana Berezovsky, Solange Rios Salomão, Paulo Ricardo Chaves de Oliveira, Gabriel Andrade, André Maia, Luciene Barbosa de Sousa, Lauro Augusto de Oliveira. B-scan ultrasound, visual electrophysiology and perioperative videoendoscopy for predicting functional results in keratoprosthesis candidates. *Br J Ophthalmol.* 2020 Oct 22; bjophthalmol-2020-316962.
- Masako Chen, Sueko M Ng, Esen K Akpek, Sumayya Ahmad. Artificial corneas versus donor corneas for repeat corneal transplants. *Cochrane Database Syst Rev.* 2020 May 13; 5(5):CD009561.
- Joani M Christensen, Swapna S Shanbhag, Grace C Shih, Jeremy Goverman, Bohdan Pomahac, James Chodosh, Richard J Ehrlichman. Multidisciplinary Treatment to Restore Vision in Ocular Burns. *J Burn Care Res.* 2020 Jul 3; 41(4):859-865.
- Philip Enders, Claus Cursiefen. Device profile of the EYEMATE-IO™ system for intraocular pressure monitoring: overview of its safety and efficacy. *Expert Rev Med Devices.* 2020 Jun; 17(6):491-497.
- Sophie X Deng, Friedrich Kruse, José A P Gomes, Clara C Chan, Sheraz Daya, Reza Dana, Francisco C Figueiredo, Shigeru Kinoshita, Paolo Rama, Virender Sangwan, Allan R Slomovic, Donald Tan, and the International Limbal Stem Cell Deficiency Working Group. Global Consensus on the Management of Limbal Stem Cell Deficiency. *Cornea.* 2020 Oct; 39(10):1291-1302.
- Chengxin Zhou, Arushi Singh, Grace Qian, Natalie Wolkow, Claes H Dohlman, Demetrios G Vavvas, James Chodosh, Eleftherios I Paschalis. Microporous Drug Delivery System for Sustained Anti-VEGF Delivery to the Eye. *Transl Vis Sci Technol.* 2020 Jul 2; 9(8):5.
- Sarah Kim, Paulo J M Bispo, Eden E L Tanner, Samir Mitragotri, Rafaella N E Silva, Ilene Gipson, James Chodosh, Irmgard Behlau, Eleftherios I Paschalis, Michael S Gilmore, Claes H Dohlman. The Search for Antifungal Prophylaxis after Artificial Corneal Surgery-An In Vitro Study. *Cornea.* 2020 Dec; 39(12):1547-1555.
- Pui-Chuen Hui, Katia Shtyrkova, Chengxin Zhou, Xiaoniao Chen, James Chodosh, Claes H Dohlman, Eleftherios I Paschalis. Implantable self-aligning fiber-optic optomechanical devices for in vivo intraocular pressure-sensing in artificial cornea. *J Biophotonics.* 2020 Jul; 13(7):e202000031.
- Andri K Riau, Nyein C Lwin, Larisa Gelfand, Huanlong Hu, Bo Liedberg, James Chodosh, Subbu S Venkatraman, Jodhbir S Mehta. Surface modification of corneal prosthesis with nano-hydroxyapatite to enhance in vivo biointegration. *Acta Biomater.* 2020 Apr 15; 107: 299-312.

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- Dominique Geoffrion, Mona Harissi-Dagher. Glaucoma Risk Factors and Outcomes Following Boston Keratoprosthesis Type 1 Surgery. *Am J Ophthalmol.* 2021 Jan 22; S0002-9394(21)00026-X.