

## CURRICULUM VITAE

Name Parker Jr., John Steven (Jack)  
Gender Male  
Date of birth August 16th, 1986 (Birmingham, AL USA)  
Nationality American  
Marital Status Married  
Tel office : +1205 930 3189 ;  
Email : [jack.parker@gmail.com](mailto:jack.parker@gmail.com)

### APPOINTMENTS

1. Secretary and Director, Melles Research Foundation, USA, 2017 – present

### EDUCATION

2017 PhD thesis defense at Leiden University, The Netherlands (Title: "Modern advances in minimally invasive anterior and posterior lamellar keratoplasty.")  
2016-2017 Corneal Fellow, Parker Cornea, Birmingham, AL and The Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands  
2016 Residency, Ophthalmology, University of Alabama Callahan Eye Hospital, Birmingham, Alabama  
2013 PGY1, Baptist Health Systems, Transitional Year Intern, Birmingham, Alabama  
2012 M.D., University of Alabama School of Medicine at Birmingham, Birmingham, Alabama  
2008-2012 Research Fellow, Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam  
The Netherlands  
2008 B.A., *summa cum laude*, University of Alabama, Tuscaloosa, Alabama

### INVITED LECTURES

1. **Parker J.** What I say – conversations that improve the physician patient relationship. Cataract Surgery – Telling it like it is. Orlando, FL. February 2022.
2. **Parker J.** New surgical modalities: CAIRS, Bowman, lenticule (online). Sorocaba Eye Bank International Symposium. SP, Brazil. November 2021.
3. **Parker J.** What I say – conversations that improve the physician patient relationship. Cataract Surgery – Telling it like it is. Amelia Island, FL. June 2021.
4. **Parker J.** Are Descemet's membrane ruptures the root cause of corneal hydrops in keratoconic eyes? NIIOS Cornea evening, Digital presentation, June, 2020.
5. **Parker J.** Corneal surgical update. SECO international. Atlanta, GA. May 2020.
6. **Parker J.** Corneal surgical update. Alabama Optometric Association, Montgomery, AL. November 2019.
7. **Parker J.** What I say – conversations that improve the physician patient relationship. Cataract Surgery – Telling it like it is. Orlando, FL. March 2020. *Accepted*.
8. **Parker J.** Getting started with scleral fixated IOLs. Southern Eye Congress Annual Symposium, Destin, FL. July 2019.
9. **Parker J.** DMEK vs. DSAEK. Southern Eye Congress Annual Symposium, Destin, FL. July 2019.
10. **Parker J.** INTACS for keratoconus. Southern Eye Congress Annual Symposium, Destin, FL. July 2019.
11. **Parker J.** Current ophthalmology – a poor business model. Future of Ophthalmology: Disruptive concepts to cut health care costs. Washington, D.C. March 2019.
12. **Parker J.** A Chessmaster's guide to DMEK: the pieces, the movies, and the strategy. Wilmer Eye Institute, Fuchs Symposium. Baltimore, MD. March 2019.
13. **Parker J.** DMEK nightmares. Wilmer Eye Institute, Fuchs Symposium. Baltimore, MD. March 2019.
14. **Parker J.** Stromal Augmentation for Keratoconus/ectasia, Cornea 360, Scottsdale, AZ. April 2019.
15. **Parker J.** Ten years with DMEK –we've learned. The Eye Education Foundation, Continuing education seminar, 2018.

16. **Parker J**, Bowman layer transplantation for advanced keratoconus. Alabama Academy of Ophthalmology Annual Symposium, Destin, FL. July 2018.
17. **Parker J**, DMEK – the new gold standard. Alabama Academy of Ophthalmology Annual Symposium, Destin, FL. July 2018.
18. **Parker J**, Bowman layer transplantation for advanced keratoconus. Contact lens association of ophthalmologists Annual Symposium, Los Angeles, CA. May 2017.
19. **Parker J**. Bowman Layer Transplantation. Cornea Society/ Eye Bank Association of America Fall Educational Symposium, Chicago, IL. October 2016.
20. **Parker J**. Bowman Layer Transplantation. American Society of Cataract and Refractive Surgeons, Cornea Day, Annual Meeting, New Orleans, United States, May 2016.
21. **Parker J**. Bowman Layer Transplantation. American Society of Cataract and Refractive Surgeons, Lieberman Foundation Memorial Award, Annual Meeting, New Orleans, United States, May 2016.
22. **Parker JS**. The Politics of Development Economics. Association of Private Enterprise Education, Annual Conference, Las Vegas, NV, April 2008.

### **ORAL PRESENTATIONS**

1. **Parker J**, Birbal R, van Dijk K, Oellerich S, Dapena I, Melles, G. Are Descemet's membrane ruptures the root cause of corneal hydrops in keratoconic eyes? American Society of Cataract and Refractive Surgeons, Annual Meeting, Boston, USA. May, 2020.
2. **Parker J**, Birbal R, van Dijk K, Oellerich S, Dapena I, Melles, G. Are Descemet's membrane ruptures the root cause of corneal hydrops in keratoconic eyes? European Society of Cataract and Refractive Surgeons, Annual Meeting, Paris, France. September, 2019.
3. **Parker J**. Bowman layer transplantation. NIOS Cornea evening. San Diego., United States. May 2019.
4. **Parker J**, Birbal R, Dapena I, Parker J, Oellerich S, Melles G. Clinical outcomes of Descemet membrane endothelial keratoplasty in eyes with a glaucoma drainage device. American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego, United States, May 2019.
5. **Parker J**. DMEK Nightmares. NIOS DMEK meeting, Washington D.C., United States. April 2018.
6. **Parker J**, van Dijk K, Dapena I, Groenveld van Beek E, Lie J, Ham L, Melles G. Five-year clinical results of Bowman layer transplantation. European Society of Cataract and Refractive Surgeons, Annual Meeting, Lisbon, Portugal, October 2017.
7. **Parker J**, Baydoun L, van Dijk K, Melles GRJ. Patient experience with office-based corneal transplantation. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
8. **Parker J**, Mueller T, Lavy I, Bruinsma M, Melles GRJ. Histopathology of failed Descemet membrane endothelial transfer (DMET). American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
9. **Parker J**, Mueller T, Lavy I, Bruinsma M, Melles GRJ. Histopathology of Descemet membrane endothelial keratoplasty graft remnants, folds, and detachments. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
10. **Parker J**. Femtosecond Preparation of Isolated Bowman Layer Grafts. NIOS DMEK meeting. Los Angeles, United States. May 2017.
11. **Parker J**, Gerber-Hollbach N, Baydoun L, Liarakos V, Ham L, Muller T, Lie J, Dapena I, Melles GRJ. Preliminary outcome of Hemi-DMEK and Quarter-DMEK for Fuchs endothelial dystrophy. Cornea Society/ Eye Bank Association of America Fall Educational Symposium, Chicago, IL. October 2016.
12. **Parker J**. Femtosecond Preparation of Isolated Bowman Layer Grafts. NIOS DMEK meeting. Copenhagen, Denmark. September 2016.
13. **Parker J**, Baydoun L, Melles G. Hemi-Descemet Membrane Endothelial Keratoplasty (hemi-DMEK) for Treatment of Fuchs Endothelial Dystrophy. American Society of Cataract and Refractive Surgeons, Annual Meeting, New Orleans, United States, May 2016.
14. **Parker J**, van Dijk K, Melles G. Bowman Layer Transplantation to Reduce and Stabilize Progressive, Advanced Keratoconus. American Society of Cataract and Refractive Surgeons, Annual Meeting, New Orleans, United States, May 2016.

15. **Parker J**, van Dijk K, Satue M, Melles G. Bowman Layer Implantation to Reduce and Stabilize Advanced Progressive Keratoconus. American Academy of Ophthalmology, Annual Meeting, Chicago, IL. October 2014.
16. **Parker J**, van Dijk K, Droustas K, Hou, J, Sangsari S, Liarakos V, Melles G. Optical quality of the transplanted cornea after Descemet membrane endothelial keratoplasty. European Society of Cataract and Refractive Surgeons, Annual Meeting, London, England, September 2014.
17. **Parker J**. Designing a reliable route from harvest to implantation. NIIOS DMEK meeting. London, UK. September 2014.
18. **Parker J**, van Dijk K, Ham L, Lie J, Groeneveld-van Beek E, Melles G. Mid-stromal isolated Bowman layer graft to reduce and stabilize advanced keratoconus to postpone penetrating or deep anterior lamellar keratoplasty. American Society of Cataract and Refractive Surgeons, Annual Meeting, Boston, United States, April 2014.
19. **Parker J**, Parker J. Anterior stromal puncture for nonhealing corneal ulcers. European Society of Cataract and Refractive Surgeons, Winter Meeting, Cornea Day, Ljubljana, Slovenia, February 2014.
20. **Parker J**, Quilendrin R, Dapena I, Ham L, Oellerich S, Melles G. Do we overestimate the endothelial cell ‘loss’ after Descemet membrane endothelial keratoplasty? European Society of Cataract and Refractive Surgeons, Winter Meeting, Ljubljana, Slovenia, February 2014.
21. **Parker J**, van Dijk K, Liarakos V, Ham L, Frank L, Melles G. Incidence of irregular astigmatism eligible for contact lens fitting after Descemet membrane endothelial keratoplasty (DMEK). European Society of Cataract and Refractive Surgeons, Winter Meeting, Ljubljana, Slovenia, February 2014.
22. **Parker J**, Quilendrin R, Dapena I, Ham L, Oellerich S, Melles G. Do we overestimate the endothelial cell ‘loss’ after Descemet membrane endothelial keratoplasty? European Society of Cataract and Refractive Surgeons, Annual Meeting, Amsterdam, The Netherlands, October 2013.
23. **Parker J**, van Dijk K, Liarakos V, Ham L, Frank L, Melles G. Incidence of irregular astigmatism eligible for contact lens fitting after Descemet membrane endothelial keratoplasty (DMEK). European Society of Cataract and Refractive Surgeons, Annual Meeting, Amsterdam, The Netherlands, October 2013.
24. **Parker J**, Musa F, Cabrerizo J, Quilendrin R, Dapena I, Ham L, Melles G. Outcome of phacoemulsification after Descemet membrane endothelial keratoplasty (DMEK). European Society of Cataract and Refractive Surgeons, Winter Meeting, Warsaw, Poland. February 2013.
25. **Parker J**, Dirisamer M, Naveiras M, Liarakos V, Ham L, van Dijk K, Melles G. Identifying causes for poor visual outcome after DSEK/DSAEK following secondary DMEK in the same eye. European Society of Cataract and Refractive Surgeons, Winter Meeting, Warsaw, Poland. February 2013.
26. **Parker J**, Naveiras M, Dirisamer M, Ham L, van Dijk K, Dapena I, Melles G. Causes of glaucoma after Descemet membrane endothelial keratoplasty (DMEK). European Society of Cataract and Refractive Surgeons, Winter Meeting, Prague, Czech Republic. February 2012.
27. **Parker J**, Dirisamer M, Dapena I, Ham L, van Dijk K, van der Wees J, Melles G. Patterns of corneal endothelialization and corneal clearance after Descemet membrane endothelial keratoplasty (DMEK). European Society of Cataract and Refractive Surgeons, Winter Meeting, Prague, Czech Republic. February 2012.
28. **Parker J**, Dirisamer M, Naveiras M, Ham L, van der Wees J, Melles GR. Endothelial cell density after Descemet membrane endothelial keratoplasty: 1-4 year follow-up. European Society of Cataract and Refractive Surgeons, Annual Meeting, Vienna, Austria. September 2011.
29. **Parker J**, Dirisamer M, Naveiras M, Ham L, van Dijk K, Frank L, Dapena I, Tse W, Melles G. Outcome of Descemet membrane endothelial keratoplasty in phakic eyes. European Society of Cataract and Refractive Surgeons, Annual Meeting, Vienna, Austria. September 2011.

## **INSTRUCTIONAL COURSES**

1. **Parker J**, Osher R, Synder M, Chang D, Heersink. “What I say – conversations that improve the physician-patient relationship.” American Society of Cataract and Refractive Surgeons, Annual Meeting, Las Vegas., United States, July 2021.

2. **Parker J**, Osher R, Synder M, Chang D, Heersink. “What I say – conversations that improve the physician-patient relationship.” American Society of Cataract and Refractive Surgeons, Annual Meeting, Boston., United States, May 2020. (Accepted, but cancelled due to COVID-19)
3. **Parker J**, Osher R, Synder M, Chang D, Mackool R. “What I say – conversations that improve the physician-patient relationship.” American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego., United States, May 2019.
4. Melles G, Lamis B, Dapena I, Liarakos V, **Parker J**, Dirisamer M, Lam F. Advanced wetlab course on Descemet membrane endothelial keratoplasty (DMEK). American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego., United States, May 2019.
5. Melles G, Lamis B, Dapena I, Liarakos V, **Parker J**, Dirisamer M, Lam F. Advanced wetlab course on Descemet membrane endothelial keratoplasty (DMEK). American Society of Cataract and Refractive Surgeons, Annual Meeting, Washington D.C., United States, May 2018.
6. Melles G, **Parker J**, Dapena I, Groeneveld van Beek, E. Wetlab course on Bowman Layer Transplantation. American Society of Cataract and Refractive Surgeons, Annual Meeting, Washington D.C., United States, May 2018.
7. Melles G, Lamis B, Dapena I, Liarakos V, **Parker J**, Dirisamer M, Lam F. Advanced wetlab course on Descemet membrane endothelial keratoplasty (DMEK). American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States, May 2017.
8. **Parker J**, Parker J, Sikder S, Melles G. Clinical wetlab course on Descemet membrane endothelial keratoplasty (DMEK). Parker Cornea, Birmingham, AL, February 2017.
9. Dapena I, Calvo de Mora M, Mueller T, Lavy I, **Parker J**, Melles G. Wetlab course on Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, October 2016.
10. Melles G, Lamis B, Dapena I, Liarakos V, **Parker J**, Dirisamer M, Lam F. Advanced wetlab course on Descemet membrane endothelial keratoplasty (DMEK). American Academy of Ophthalmology, Annual Meeting, Chicago, IL. October 2016. *Accepted*
11. Dapena I, Calvo de Mora M, Mueller T, Lavy I, **Parker J**, Melles G. Descemet Membrane Endothelial Keratoplasty (DMEK). European Society of Cataract and Refractive Surgeons, Annual Meeting, Copenhagen, Denmark. September 2016.
12. Dapena I, Calvo de Mora M, Mueller T, Lavy I, **Parker J**, Melles G. Wetlab course on Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, September 2016.
13. Dapena I, Calvo de Mora M, Mueller T, Lavy I, **Parker J**, Melles G. Advanced wetlab course on Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, August 2016.
14. Melles GRJ, Liarakos VS, Dapena I, Baydoun L, **Parker J**, Dirisamer M, Cabrerizo J, Moutsouris K. Descemet Membrane Endothelial Keratoplasty (DMEK). American Academy of Ophthalmology, Annual Meeting, Las Vegas, NV. October 2015.
15. Liarakos VS, van Dijk K, Dirisamer M, **Parker J**. Descemet Membrane Endothelial Keratoplasty (DMEK): How to Start and What to Expect. American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego, United States, April 2015.
16. Baydoun L, Ham L, Satue M, **Parker J**, Fernandez E, Melles G. Clinical wetlab course on Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, October 2014.
17. Liarakos VS, Dapena I, Baydoun L, Lam F, **Parker J**, Melles G. Descemet Membrane Endothelial Keratoplasty (DMEK). American Academy of Ophthalmology, Annual Meeting, Chicago, IL. October 2014.
18. Liarakos VS, Dapena I, Ham L, **Parker J**, Rodriguez M, Baydoun L, Melles G. Descemet Membrane Endothelial Keratoplasty (DMEK). American Academy of Ophthalmology, Annual Meeting, New Orleans, LA. November 2013.

19. Dapena I, van der Wees J, Li J, Quilendrino R, **Parker J**, Musa F, Melles G. Clinical wetlab course on Deep anterior lamellar keratoplasty (DALK) and Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, April 2012.
20. Dapena I, van der Wees J, Li J, Yeh R, Quilendrino R, **Parker J**, Musa F, Melles G. Clinical wetlab course on Deep anterior lamellar keratoplasty (DALK) and Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, March 2012.
21. Dapena I, van der Wees J, Lie J, Ham L, Dirisamer M, Navieres M, **Parker J**, Melles G. Clinical wetlab course on Deep anterior lamellar keratoplasty (DALK) and Descemet membrane endothelial keratoplasty (DMEK). Netherlands Institute for Innovative Ocular Surgery (NIIOS), Rotterdam, The Netherlands, February 2011.

## BOOKS

1. Keratoconus: a comprehensive, practical review. **Parker J**, Melles G. SLACK. 2021 (In press).
2. DMEK in pictures, a photographic guide for patients. **Parker J**, Parker J, Melles G. 2020.
3. DMEK Nightmares. **Parker J**, Parker J, Melles G. 2020.
4. DMEK Tips and Tricks: 50 tactics to make DMEK easier and more fun. **Parker J**, Parker J, Melles G. 2020.
5. DMEK unfolding manual. **Parker J**, Parker J. Melles G. 2019
6. What I say: conversations that improve the physician-patient relationship. Osher R and **Parker J**. SLACK. 2019.
7. Corneal crosslinking for patients: 50 things that you absolutely must know. Dockery P, **Parker J**, Parker J. 2019.
8. DMEK for patients: 99 of your most common questions answered. **Parker J**, Parker J, Melles G. 2018.
9. Picture perfect DMEK: a visual guide to a beautiful operation. **Parker J**, Birbal R, and Melles G. 2018.

## BOOK CHAPTERS

1. Dockery P, **Parker J**, Parker J, Melles G. DWEK, DMET, Quarter DMEK, Cultured corneal endothelial cells, in Jacobs S (ed) Mastering DMEK and PDEK, India, 2019.
2. **Parker J**, Birbal R, van Dijk K, Tong M, Ambati B, Baydoun L, Dapena I, GRJ. Bowman layer transplantation for advanced keratoconus, in Barbara A (ed) Controversies in the management of keratoconus, India, 2018.
3. Tong M, **Parker J**, van Dijk K, Birbal R, Melles G. Melles Manual DALK, in Jacobs S (ed) Mastering Deep Anterior Lamellar Keratoplasty, India, 2018
4. Fernandez E, **Parker J**, Liarakos V, Melles G. Unfolding Techniques for Descemet Membrane Endothelial Keratoplasty, in Jacobs S (ed) Mastering Endothelial Keratoplasty, India, 2016, pp169-183
5. **Parker J**, Quilendrino R, Balachandran C. DMEK Complications, in Melles GR and Dapena I (ed). How to Get Started with Standardized ‘No-Touch’ Descemet Membrane Endothelial Keratoplasty (DMEK), Rotterdam, The Netherlands Institute for Innovative Ocular Surgery, 2014, pp115-131
6. Baydoun L, Musa F, **Parker J**. DMEK and lens disease, in Melles GR and Dapena I (ed). How to Get Started with Standardized ‘No-Touch’ Descemet Membrane Endothelial Keratoplasty (DMEK), Rotterdam, The Netherlands Institute for Innovative Ocular Surgery, 2014, pp133-141

## SCIENTIFIC PUBLICATIONS

1. Watson D, Dockery P, **Parker J**. Reply to: “Is there a genetic link between Keratoconus and Fuch's endothelial corneal dystrophy.” Medical Hypotheses. 2021. Submitted.
2. Blackburn D, Alexander E, Arnold S, Tate H, **Parker J**. Polypropylene suture facilitated DMEK graft unfolding. IJO. Submitted.
3. Alexander E, Arnold S, Tate H, Blackburn D, **Parker J**. DMEK with inferior wound scaffolding. IJO. Submitted.
4. **Parker J**, Parker J, Tate H, Melles G. DMEK without postoperative supine posturing. Cornea. 2021. *Accepted*.

5. Watson D, Parker J, **Parker J**. Reply to: “Purifying air over the operating field with a new mobile laminar airflow device to reduce the possibility of airborne contamination.” JCRS. *In Press*.
6. Apostolov V, Kim E, Alexander E, Arnold S, **Parker J**. Surgical peripheral iridotomy creation by intraocular diathermy probe – a novel technique. EJO. *Accepted*.
7. Tate H, Blackburn D, Jacob S, Parker J, **Parker J**. Allograft reaction after corneal allogenic intrastromal ring segment (CAIRS) implantation. AJO Case Reports. *Submitted*
8. Arnold S, Kim E, Derivaux D, Parker J, **Parker J**. Descemet membrane endothelial keratoplasty with endoscopic photocoagulation and vitrectomy probe cyst wall removal for the treatment of secondary corneal endothelial decompensation due to iris stromal cyst – a case report and literature review. AJO Case Reports. *Submitted*.
9. Kim E, Parker J, **Parker J**. Reply to: “Five-year long-term outcomes of intrastromal corneal ring segment implantation using the manual technique” JCRS. *In Press*.
10. Arnold S, Alexander E, **Parker J**. Reply to: “Pinhole pupilloplasty after previous radial keratotomy.” JCRS. *In Press*.
11. **Parker J**, Dockery P, Parker J. Manual implantation technique for corneal allogenic ring segment (CAIRS) implantation. JCRS. *In press*.
12. Parker J, Dapena I, Tong M, Melles G. Bowman Layer Transplantation – a review. AJOP. *In press*.
13. **Parker J**, Parker J, Jacobs S. Pre-implantation dehydration for corneal allogenic intrastromal ring segment (CAIRS) implantation. JCRS. *In press*.
14. Descartes M, Melenevsky YV, Rudy N, Smith K, Callaway K, **Parker JS**. Keratoconus in a patient with B3GALT6-related disorder. Clin Genet. 2021 Jun;99(6):849-850
15. Dapena I, **Parker JS**, Melles GRJ. Potential benefits of modified corneal tissue grafts for keratoconus: Bowman layer 'inlay' and 'onlay' transplantation, and allogenic tissue ring segments. Curr Opin Ophthalmol. 2020;31(4):276-283.
16. Preda-Naumescu, **Parker J**. Releasing the stuck IOL haptic: a logical insight and a simple solution. JCRS. *In press*.
17. **Parker J**, Dockery P, Parker J. Trypan blue-assisted corneal allogenic intrastromal ring segment implantation. JCRS. *In press*.
18. **Parker J**, Dockery P, Parker J, van Dijk K, Melles G. Bowman layer onlay graft for reducing fluctuation in visual acuity after previous radial keratotomy. Cornea. *In press*
19. Birbal R, **Parker J**, van Dijk K, Oellerich S, Dapena I, Melles G. Hydrops after corneal perforation during manual DALK for keratoconus. Acta Ophthalmol. 2019 Nov 26[Online ahead of print]
20. Dapena I, Musayeva A, Dragnea D, Groeneveld-van Beek E, Dhuhghail S, **Parker J**, van Dijk K, Melles G. Bowman layer onlay transplantation to manage Herpes corneal scar. Cornea 2020 Feb 17[Online ahead of print]
21. **Parker J**, Birbal R, Parker C, Parker J, Melles G. DMEK in Super-Seniors: clinical outcomes of Descemet membrane endothelial keratoplasty performed in the oldest old. Curr Eye Res. 1-5 2020 Feb 16[Online ahead of print]
22. **Parker J**, Parker J, Melles G. Double bubble technique for DMEK in eyes with deep anterior chambers and anterior chamber intraocular lenses. Cornea. 2019 Dec 27[Online ahead of print]
23. Dockery P, Parker J, **Parker J**. Letter to the editor: Reply to Microscope-Integrated Optical Coherence Tomography-Guided Drainage of Acute Corneal Hydrops in Keratoconus Combined With Suturing and Gas-Aided Reattachment of Descemet Membrane. Cornea. 2020 Feb;39(2):e7.
24. Dockery P, Joubert K, Parker J, **Parker J**. Suprachoroidal hemorrhage during Descemet membrane endothelial keratoplasty. Cornea. 2020 Mar;39(3):376-378.
25. Dockery P, Joubert K, **Parker J**. “What’s Next for Ultraviolet Corneal Crosslinking?”. EC Ophthalmology 10.9 (2019): 687-693.
26. Dockery P, Joubert K, **Parker J**, Parker J. Letter to the editor: Reply to Cytomegalovirus corneal endotheliitis after Descemet membrane endothelial keratoplasty. Cornea. 2019 Oct;38(10):e48.
27. Zafar S, **Parker J**, de Kort C, Melles G, Sikder S. Perceived difficulties and barriers to uptake of Descemet membrane endothelial keratoplasty (DMEK) among surgeons. Clin Ophthalmol, 13, 1055-1061 2019

- Parker J**, Dockery P, Parker J, Crosson J, Kilpatrick D, Samuels B. Bacteroides spp. blebitis, endophthalmitis following uncomplicated trabeculectomy. *J Glaucoma*, 28 (7), e118-e120 Jul 2019
28. **Parker J**, Birbal R, van Dijk K, Oellerich S, Dapena I, Melles G. Are Descemet membrane ruptures the root cause of corneal hydrops in keratoconic eyes. *Am J Ophthalmol*. 2019 Sep;205:204-205.
29. Tong M, **Parker J**, Birbal R, Dockery P, Melles G. Use of intraoperative anterior segment optical coherence tomography or Bowman layer transplantation. *Acta Ophthalmol*, 97 (7), e1031-e1032 Nov 2019
30. **Parker J**, Feagin W, Wang C, Parker J. Corneal ulceration associated with Nivolumab use. *AJO Case Reports*. *Am J Ophthalmol Case Rep*, 14, 26-27 2019 Feb 7
31. Birbal R, Tong M, Dapena I, Parker J, **Parker J**, Oellerich S, Melles G. Reply to: Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes With a Glaucoma Drainage Device. *Am J Ophthalmol*, 208, 440-441 Dec 2019
32. Birbal R, Tong M, Dapena I, Parker J, **Parker J**, Oellerich S, Melles G. Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes With a Glaucoma Drainage Device. *Am J Ophthalmol*, 199, 150-158
33. **Parker J**, Parker J, Melles G. Clinical outcomes of Descemet membrane endothelial keratoplasty (DMEK) in eyes with previous radial keratotomy (RK). *Cornea*, 37 (11), 1351-1354 Nov 2018
34. **Parker J**, Parker J, Melles GRJ. Letter to the Editor: Reply to Management of Descemet Membrane Detachment After Forceps Birth Injury. *Cornea*, 37 (4), e24-e25 Apr 2018
35. **Parker J**, Cooper E, Parker J, Gerrit GRJ. Letter to the Editor: Reply to Elimination of Anterior Corneal Steepening with Descemet Membrane Endothelial Keratoplasty in a Patient with Fuchs Dystrophy and Keratoconus: Implications for IOL Calculation. *Cornea*. 2018;37:10.
36. **Parker J**, Parker A, Parker J. Trypan blue assisted micro-invasive glaucoma surgery. *J Cataract Refract Surg*, 43 (12), 1613 Dec 2017
37. Birbal R, Hsein S, Zygoura V, **Parker J**, Ham L, van Dijk K, Dapena I, Baydoun L, Melles GRJ. Hemi-Descemet membrane endothelial keratoplasty for Fuchs endothelial dystrophy. *Cornea*. 2018 Jul;37(7):854-858.
38. Birbal R, **Parker J**, Oellerich S, Dapena I, Melles GRJ. Descemet Membrane Endothelial Transfer: Ultimate outcomes. *Cornea*, 37 (2), 141-144 Feb 2018
39. Birbal R, van Dijk K, **Parker J**, Otten H, Belmoukadim M, Ham L, Baydoun L, Dapena I, Melles GRJ. Manual Mid-Stromal Dissection as a Low Risk Procedure to Stabilize Mild to Moderate Progressive Keratoconus. *Eye Vis (Lond)*, 5, 26 2018 Oct 11
40. van Dijk K, **Parker J**, Baydoun L, Ilyas A, Groeneveld-van Beek E, Melles GRJ. Bowman layer transplantation: 5-year results. *Graefes Arch Clin Exp Ophthalmol*, 256 (6), 1151-1158
41. **Parker J**, Krijgsman M, van Dijk K, Melles GRJ. Patient experience with office-based corneal transplantation. *Cornea*. 2017;36:445-447.
42. Luceri S, **Parker J**, Dapena I, Baydoun L, Oellerich S, van Dijk K, Melles GRJ. Letter to the Editor: Reply to Keratoconus and Bowman Layer Transplantation. 2017;36:e8-e9.
43. **Parker J**, Huls F, Cooper E, Graves P, Groeneveld-van Beek E, Lie J, Melles G. Technical feasibility of isolated Bowman layer graft preparation by femtosecond laser: a pilot study. *Eur J Ophthalmol*, 27 (6), 675-677
44. **Parker J**, Verdijk R, Muller T, Lavy I, Bruinsma M, Colby K, Binder P, Melles G. Histopathology of failed Descemet membrane endothelial transfer (DMET). *Eye Contact Lens*, 44 Suppl 1, S361-S364 Sep 2018
45. Cooper E, **Parker J**, Parker J, Melles GRJ. Descemet Membrane Endothelial Keratoplasty in an eye with Fuchs Endothelial Dystrophy and Keratoconus. *Ophthalmology @ Point of Care Journals 2016*. *In press*
46. Parker J, Morris R, Rooney D, **Parker J**. Letter to the editor: Reply to Boston Type 1 Keratoprosthesis: Visual Outcomes, Device Retention, and Complications. *Cornea*, 36 (4), e13-e14 Apr 2017
47. Lavy I, Liarakos V, Müller T, **Parker J**, Bruinsma M, Melles G. Clinical outcome and histopathology of secondary penetrating keratoplasty failure managed by Descemet membrane endothelial keratoplasty (DMEK). *Cornea*. 2017 Mar 21 [Epub ahead of print]

48. Baydoun L, Muller T, Lavy I, **Parker J**, Calvo de Mora M, Liarakos V, Dapena I, Melles G. Ten year clinical outcome of the first patient undergoing Descemet Membrane Endothelial Keratoplasty (DMEK). *Cornea*. 2017;36:379-381.
49. Mueller T, Verdijk R, Lavy I, Bruinsma M, **Parker J**, Binder P, Melles G. Histopathology of Descemet membrane endothelial keratoplasty graft remnants, folds, and detachments. *Ophthalmology*. 2016;12:2489-2497.
50. Jijelava K, Le H, **Parker J**, Yee J. Getting Hooked: A Simple Technique for the Treatment of Adhesive Injuries to the Eyelids. *J Emerg Med*. 2016. pii: S0736-4679(16)30724-7.
51. Preda-Naumescu, Everett A, **Parker J**. A Simplified, Standardized Technique for Malyugin Ring Extraction. *J Cataract Refract Surg*. 2016; 42:1533-1534.
52. **Parker J**, van Dijk K, Melles G. Updates in Anterior Lamellar Keratoplasty: The State of The Debates. *Expert Rev Ophthalmol*. 2016; 11:339-346
53. Groenveld van- Beek EA, **Parker J**, Lie J, Bourgonje V, van Dijk K, van der Wees J, Melles GRJ. Donor Tissue Preparation for Bowman Layer Transplantation. *Cornea*. 2016 Jun 29. [Epub ahead of print]
54. Luceri S, **Parker J**, Dapena I, Baydoun L, Oellerich S, van Dijk K, Melles GR. Corneal Densitometry and Higher Order Aberrations After Bowman Layer Transplantation: 1-Year Results. *Cornea*. 2016;35:959-66
55. Gerber-Hollbach N, **Parker J**, Baydoun L, Liarakos V, Ham L, Dapena I, Melles G. Preliminary outcome of hemi-DMEK for Fuchs Endothelial Dystrophy. *Br J Ophthalmol*. 2016 Feb 2. [Epub ahead of print]
56. **Parker J**, Huisingh C, McGwin G. The Value of the P values. *J Neuro-Ophthalmol*. 2015; 00: 1-2.
57. van Dijk K, Liarakos V, **Parker J**, Ham L, Lie JT, Groenveld-van Beek EA, Melles GRJ. Bowman layer transplantation to reduce and stabilize progressive, end stage, keratoconus. *Ophthalmology*. 2015;122:909-17
58. **Parker J**, Konder R, van Dijk K, Melles G. Towards safer treatment options for advanced keratoconus. *US Ophthalmic Review*. 2015;8:33-4.
59. **Parker J**, van Dijk K, Melles G. Treatment Options for Advanced Keratoconus: A Review. *Surv. Ophth*. 2015;60:459-80.
60. Livny E, **Parker J**, van der Kaaij M, Haasdijk E, van der Wees J, Bruinsma M, Melles GRJ. Post-mortem ultra-structural analysis of a transplanted Descemet Membrane Endothelial Keratoplasty (DMEK) graft. *Cornea*. 2014;0:1–5
61. Li M, Jia C, Kazmierkiewicz K, Bowman, A Tian L, Liu Y, Gupta N, Yee S, Gudsieva H, Dentchev T, Kimble J, **Parker J**, Messinger J, Curcio C, Stambolian D. Transcriptome Landscape of the Human Neurosensory Retina and Photoreceptor Support System. *Hum Mol Genet*. 2014;23:4001-14
62. van Dijk K, **Parker J**, Tong M, Ham L, Lie J, Groeneveld-van Beek E, Melles G. Mid-stromal isolated Bowman layer graft to reduce and stabilize advanced keratoconus as an alternative to penetrating or deep anterior lamellar keratoplasty. *JAMA Ophthalmol*. 2014;132:495-501
63. van Dijk K, **Parker J**, Liarakos VS, Ham L, Frank LE, Melles GR. Incidence of irregular astigmatism eligible for contact lens fitting after Descemet membrane endothelial keratoplasty. *J Cataract Refract Surg*. 2013;39:1036-46.
64. **Parker J**, Parker J, Melles G. Descemet membrane endothelial keratoplasty (DMEK): a review. *US Ophthalmic Review*, 2013;6:29-32
65. Baydoun L, Tong M, Tse W, Chi H, **Parker J**, Ham L, Melles GRJ. Endothelial Cell Density after Descemet Membrane Endothelial Keratoplasty: 1-5 Year Follow-up. *Am J Ophthalmol*. 2012;154:762-3
66. Dirisamer M, **Parker J**, Naveiras M, Liarakos V, Ham L, van Dijk K, Melles G. Identifying causes for poor visual outcome after DSEK/DSAEK following secondary DMEK in the same eye. *Acta Ophthalmologica*. 2013;91:131-9
67. **Parker J**, Dirisamer M, Naveiras M, Tse H, van Dijk K, Frank L, Ham L, Melles G. “Outcome of descemet membrane endothelial keratoplasty in phakic eyes. *J Cataract Refract Surg*. 2012;38:871-7
68. Naveiras M, Dirisamer M, **Parker J**, Ham L, van Dijk K, Frank L, Dapena I, Melles G. Causes of glaucoma after Descemet Membrane Endothelial Keratoplasty (DMEK). *Am J Ophthalmol*. 2012 May;153(5):958-966.e1
69. Friedman D, **Parker J**, Kimble J, Delori F, McGwin G, Curcio C. Fluorescein Localization in Drusen Associated with Age-related Macular Degeneration. *Retina*. 2011 Aug 12. [Epub ahead of print]



70. **Parker J**, Dirisamer M, Naveiras M, Ham L, van der Wees J, Melles GR. Endothelial Cell Density after Descemet Membrane Endothelial Keratoplasty: 1- to 4-Year Follow-up. *Am J Ophthalmol*. 2011;151:1107-1107.e2
71. Cogen M, **Parker J**, Sleep T, Elsas F, Metz T, McGwin G. “Masked Trial of Topical Anesthesia for Retinopathy of Prematurity Eye Examinations.” *J AAPOS*. 2011;15:45-8
72. Myrowitz EH, Kurwa A, **Parker J**, Chuck RS. Wavefront-guided photorefractive keratectomy after radial keratotomy in nine eyes. *J Refract Surg*. 2009;25:470-2
73. Zhu L, Shen J, Zhang C, Park CY, Kohanim S, Yew M, **Parker J**, Chuck R. Inflammatory Cytokine Expression on the Ocular Surface in the Botulium Toxin B Induced Murine Dry Eye Model. *Mol Vis*. 2009;15:250-8.
74. Park CY, Chuck RS, Cano M, Yew M, Nguyen V, **Parker J**, Mori K, Gehlbach PL. “Periocular triamcinolone enhances intraocular gene expression after delivery by adenovirus.” *Invest Ophthalmol Vis Sci*. 2008;49:399-406
75. Castro-Combs J, Noguera G, Cano M, Yew M, Gehlbach PL, **Palmer J** [sic], Behrens A “Corneal wound healing is modulated by topical application of amniotic fluid in an ex vivo organ culture model.” *Exp Eye Res*. 2008;87:56-63

#### NON-SCIENTIFIC PUBLICATIONS

1. Watson D, Rawjani A, **Parker J**. DMEK graft re-bubbling in unicameral eyes - a novel technique. *Ocular Surgery News*. *Accepted*.
2. Tate H, Blackburn D, **Parker J**. Precut and prestained CAIRS inserts: early surgical experience. *Ocular Surgery News*. *Accepted*.
3. Kim E, **Parker J**. Short learning curve results in success with pinhole pupilloplasty. *Ocular Surgery News*, July 2021.
4. Tate H, **Parker J**. Optimizing DMEK graft size by pre-operative recipient white-to-white measurements. *Ocular Surgery News*. 2021.
5. Kim E, **Parker J**. Office-based DMEK. *Ocular Surgery News*, 2021
6. Kim E, **Parker J**. Abandoning stamp can make DMEK better. *Ocular Surgery News*, 2021
7. **Parker J**. Surgical sponge particles may remain after CAIRS implantation. *Ocular Surgery News*, 2021
8. **Parker J**. Ring of trypan blue aids visualization in DMEK. *Ocular Surgery News*, 2021
9. **Parker J**. Terry squeegee can be used to remove host Descemet’s membrane remnants. *Ocular Surgery News*, 2021
10. Perkins, W. **Parker J**. Surgeon offers tips to avoid straight haptic during lens implantation. *Ocular Surgery News*, 2021
11. Dockery P, **Parker J**, Parker J. Manual CAIRS implantation. *Ocular Surgery News*, 2020.
12. Joubert K, Dockery P, **Parker J**. Manual INTACS implantation – reviving a lost art? *Ocular Surgery News*, 2019.
13. Dockery P, **Parker J**, Dhubhghaill S, Melles G. Quarter-DMEK quadruples available tissue to transplant. *Ocular Surgery News*, September 2019.
14. **Parker J**. Update on Bowman Layer Transplantation. PracticeUpdate website. Available at: <https://www.practiceupdate.com/content/update-on-bowman-layer-transplantation/86686/65/5/1>. Accessed July 25, 2019
15. Dockery P, **Parker J**. Treating keratoconus in patients with co-existing Ehlers Danlos Syndrome: is anything different? *Ocular Surgery News*, 2019.
16. **Parker J**, Parker J. Intraoperative floppy iris syndrome after Descemet membrane endothelial keratoplasty. *Ocular Surgery News*, January 2019.
17. **Parker J**, Parker C. Flomax has a big brother, and the psychiatrists have him. *EyeWorld*, 2018.
18. **Parker J**. Mistakes are not the problem. *Ocular Surgery News*, 2018.
19. **Parker J**, Chandra A. Chess and Cataract Surgery: Multiple Games? *Cataract and Refractive Surgery Today*, 2018.
20. **Parker J**. DMEK like a retina surgeon. *Ocular Surgery News*, 2018

21. **Parker J**, Melles GRJ. Why is DMEK (Considered) so Difficult? Ocular Surgery News, 2018.
22. **Parker J**, Melles GRJ. Do's and Don'ts of DMEK Surgery. Ocular Surgery News, 2017.
23. **Parker J**, Melles GRJ. Speculations about the future of ophthalmic surgery. Ocular Surgery News, 2017.
24. **Parker J**, Birbal R, van Dijk K, Melles G. Bowman Layer transplantation – surgical technique. Ocular Surgery News, 2017.
25. **Parker J**, van Dijk K, Cooper E, Melles GRJ. Bowman Layer Transplantation for Advanced Keratoconus. Cataract and Refractive Surgery Today – Europe. April 2017.
26. Diamond A, Yee J, **Parker J**. V-slice allows phacoemulsification of a soft lens. Ocular Surgery News, March 2017.
27. Cooper E, Parker J, **Parker J**. Why amnion-covered symblypharon rings are not sufficient treatment for the acute conjunctivitis of Stevens-Johnson Syndrome. EyeNet, 2016.
28. **Parker J**, van Dijk K, Melles GRJ. Eye on Technology: Bowman's Membrane Transplantation. EuroTimes. 2016.
29. Yee J, Bray K, Godara P, Kirk C, Neely D, **Parker J**. A novel strategy for the phacoemulsification of soft lenses: the v-slice technique. Cataract and Refractive Surgery Today. 2016.
30. **Parker J**. "Practice is key to learning surgery." Ocular Surgery News, 2016.
31. **Parker J**, Melles GRJ. Bowman Layer Transplantation: The Safest Surgery for Patients with Advanced Keratoconus? Ocular Surgery News, January 2016.
32. **Parker J**. The Statistical Significance Sham. Ocular Surgery News, January 2016.
33. Peraza-Nieves J, Luceri S, **Parker J**, Liarakos V, Dapena I, Baydoun L, Melles G. Standardized 'no touch' technique for Descemet membrane endothelial keratoplasty (DMEK) for beginners. Cataract and Refractive Surgery Today. 2015: 78-81
34. **Parker J**. Learn DMEK based on protocols from NIIOS. Ocular Surgery News. March 2015.
35. **Parker J**, Melles G. Graft detachment after descemet membrane endothelial keratoplasty. Cataract and Refractive Surgery Today, April 2012: 38-39
36. **Parker J**, Melles G. Descemet Membrane Endothelial Keratoplasty (DMEK): The New Standard. Cataract and Refractive Surgery Today, June 2013:46-48

## BOOK REVIEWS

1. **Parker J**. Brain Maker: The Power of Gut Microbes to Heal and Protect Your Brain—for Life. Yale J Biol Med. 2016 Sep; 89(3): 423.
2. **Parker J**. Brain on Fire: My Month of Madness. Yale J Biol Med. 2013 June; 86(2): 283.
3. **Parker J**. Opium: Reality's Dark Dream. Yale J Biol Med. 2012. v.85(4): 562

## POSTER PRESENTATIONS

1. Dockery P, **Parker J**. Intracorneal ring segment implantation in advanced keratoconus. American Academy of Ophthalmology, Annual Meeting, (Virtual Meeting), November 2020. *Accepted*.
2. **Parker J**, Birbal R, van Dijk K, Oellerich S, Dapena I, Melles, G. Are Descemet's membrane ruptures the root cause of corneal hydrops in keratoconic eyes? World Cornea Congress, Boston, USA. May, 2020.
3. **Parker J**, Parker J, Heersink M, Melles G. Clinical outcomes of Descemet membrane endothelial keratoplasty (DMEK) in eyes with previous radial keratotomy (RK). European Society of Cataract and Refractive Surgeons, Annual Meeting, Paris, France. September 2019.
4. Heersink M, **Parker J**, Parker J, Melles G. Clinical outcomes of Descemet membrane endothelial keratoplasty (DMEK) in eyes with previous radial keratotomy (RK). American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego, United States. May 2019.
5. Dockery P, **Parker J**. Use of intraoperative optical coherence tomography to guide corneal fenestrations for keratoconic hydrops. American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego, United States. May 2019. *Accepted*
6. Tong M, van Dijk K, **Parker J**, Baydoun L, Dapena I, Melles G. Bowman layer transplantation – 5-year results. American Academy of Ophthalmology, Annual Meeting, Chicago, USA, October 2018.

7. **Parker J**, Baydoun L, Birbal R, Dapena I, Oellerich S, Melles GRJ. Four-year clinical outcome after Descemet membrane endothelial keratoplasty: Results of the first 500 cases.” American Academy of Ophthalmology, Annual Meeting, Chicago, IL. October 2018. Accepted
8. **Parker J**, Heersink M, Hill M, Parker J. Trypan blue assisted micro-invasive glaucoma surgery. American Society of Cataract and Refractive Surgeons, Annual Meeting, Washington D.C., United States. May 2018.
9. Heersink M, **Parker J**, Dovich J. Surgical outcomes of ab-intero canaloplasty during CEIOL and trabecular meshwork micro-bypass stenting. American Society of Cataract and Refractive Surgeons, Annual Meeting, Washington D.C., United States. May 2018.
10. Baydoun L, **Parker J**, Zygoura V, Melles GRJ. Quarter-DMEK for fuchs endothelial dystrophy. American Academy of Ophthalmology, Annual Meeting. New Orleans, United States, November 2017.
11. Heersink M, **Parker J**, Dovich J. Surgical outcomes of ab-intero canaloplasty during CEIOL and trabecular meshwork micro-bypass stenting. American Academy of Ophthalmology, Annual Meeting. New Orleans, United States, November 2017.
12. **Parker J**, Huls F, Cooper E, Graves P, Groeneveld van-Beek E, Lie J, Melles GRJ. Ultrastructure of isolated Bowman layer grafts, prepared by two different methods. European Society of Cataract and Refractive Surgeons, Winter Meeting, Maastricht, The Netherlands. February 2017.
13. **Parker J**, Mueller T, Lavy I, Verdijk R, Baydoun L, Melles GRJ. Histopathology of Descemet membrane endothelial keratoplasty graft remnants, folds, and detachments. European Society of Cataract and Refractive Surgeons, Winter Meeting, Maastricht, The Netherlands. February 2017.
14. Jijelava K, Le H, Parker J, **Parker J**. Anterior stromal puncture for non-healing corneal ulcers. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
15. Le H, Jijelava K, Yee J, **Parker J**. Getting Hooked: A Simple Technique for the Treatment of Adhesive Injuries to the Eyelids. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
16. Rooney D, Morris R, Parker J, **Parker J**, Sapp M, Oltmanns M. Retinal Detachment Prevention in Opaque-Cornea Eye Receiving a Permanent Keratoprosthesis. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
17. **Parker J**, Liarakos V, van Dijk K, Groeneveld-van Beek E, Melles G. Bowman layer transplantation for advanced keratoconus: clinical outcomes up to five years after surgery. American Academy of Ophthalmology, Annual Meeting, Chicago, IL. October 2016
18. Baydoun L, van Dijk K, **Parker J**, Groeneveld-van Beek E, Melles G. Bowman layer transplantation for advanced keratoconus: clinical outcomes up to five years after surgery. DOG-Kongress, Berlin, Germany. September 2016.
19. van Dijk K, Dapena I, **Parker J**, Groeneveld-van Beek E, Melles G. Bowman layer transplantation for advanced keratoconus: clinical outcomes up to five years after surgery. European Society of Cataract and Refractive Surgeons, Euro Cornea Meeting, Copenhagen, Denmark. September 2016.
20. Gerber-Hollbach N, **Parker J**, Baydoun L, Liarakos V, Ham L, Dapena I, Melles G. Preliminary outcome of hemi-Descemet membrane endothelial keratoplasty for Fuchs endothelial dystrophy. European Society of Cataract and Refractive Surgeons, Euro Cornea Meeting, Copenhagen, Denmark. September 2016.
21. **Parker J**, Luceri S, Dapena I, Baydoun L, Oellerich S, van Dijk K, Melles GRJ. Corneal densitometry and higher order aberrations after Bowman Layer Transplantation: 1 year results. European Society of Cataract and Refractive Surgeons, Annual Meeting, Copenhagen, Denmark. September 2016.
22. **Parker J**, Luceri S, Dapena I, Baydoun L, Oellerich S, van Dijk K, Melles GRJ. Corneal densitometry and higher order aberrations after Bowman Layer Transplantation: 1 year results. European Society of Cataract and Refractive Surgeons, Euro Cornea Meeting, Copenhagen, Denmark. September 2016.
23. **Parker J**, Parker J, Melles GRJ. Bowman Layer Transplantation for Advanced Keratoconus: Results from the First Case Performed in the United States. European Society of Cataract and Refractive Surgeons, Cornea Day, Annual Meeting, Copenhagen, Denmark. September 2016.
24. Rao R, **Parker J**, Melles GRJ, Parker J. Bowman Layer Transplantation for Advanced Keratoconus: Results from the First Case Performed in the United States. American Society of Cataract and Refractive Surgeons, Annual Meeting, New Orleans, United States, May 2016.

25. Luceri S, van Dijk K, Liarakos V, **Parker J**, Lie J, Groeneveld-van Beek E, Melles G. Bowman layer implantation to reduce and stabilize progressive keratoconus. European Society of Cataract and Refractive Surgeons, Winter Meeting, Athens, Greece, February 2016.
26. Kirk C, Honasoge A, Parker J, **Parker J**. Outcomes of Descemet Membrane Endothelial Keratoplasty (DMEK). American Academy of Ophthalmology, Annual Meeting, Las Vegas, NV. October 2015.
27. **Parker J**, van der Kaaij M, Haasdijk E, van der Wees J, Bruinsma M, Melles GRJ. Post-mortem ultra-structural analysis of a cornea transplanted with Descemet Membrane Endothelial Keratoplasty (DMEK). European Society of Cornea and Ocular Surface Disease Specialists, EuCornea Congress, Barcelona, Spain, September 2015.
28. Morris R, Parker J, Sapp M, Rooney D, **Parker J**. Retinal Detachment Prevention in Opaque-Cornea Eye Receiving a Permanent Keratoprosthesis. The Retina Society, Paris. October 2015.
29. **Parker J**, Livny E, Liarakos V, Melles G. Post-mortem ultra-structural analysis of a cornea transplanted with Descemet Membrane Endothelial Keratoplasty (DMEK). World Cornea Conference, San Diego. April 2015.
30. **Parker J**, Baydoun L, Monnereau C, Melles G. Endothelial cell changes as an indicator for upcoming allograft rejection following Descemet membrane endothelial keratoplasty. World Cornea Conference, San Diego. April 2015.
31. Rooney D, Graves P, Parker J, **Parker J**. A rapid method for descemet membrane endothelial keratoplasty (DMEK) graft creation. European Society of Cataract and Refractive Surgeons, Winter Meeting, Istanbul, Turkey, February 2015.
32. Satue M, Baydoun L, **Parker J**, Melles G. Repeat Descemet membrane endothelial keratoplasty (DMEK) for unsuccessful previous DMEK. American Academy of Ophthalmology, Annual Meeting, Chicago, IL. October 2014.
33. van Dijk K, Liarakos V, **Parker J**, Ham L, Lie J, Groeneveld-van Beek E, Melles G. Bowman layer implantation to reduce and stabilize progressive keratoconus. European Society of Cataract and Refractive Surgeons, Annual Meeting, London, England, September 2014.
34. Rooney D, Morris R, Parker J, **Parker J**. Retinal detachment prevention in keratoprosthesis eyes. KPro Study Group, 9<sup>th</sup> KPro Meeting, Salzburg, Austria. April 2014.
35. **Parker J**, van Dijk K, Melles G. Bowman layer implantation: an alternative to penetrating/ deep anterior lamellar keratoplasty for advanced keratoconus. The Association for Research in Vision and Ophthalmology, Annual Meeting, Orlando, FL. May 2014.
36. **Parker J**, Monnereau C, Quilendrin R, Dapena I, Melles G. Multicenter trial on Descemet membrane endothelial keratoplasty (DMEK): First case series of 18 surgeons. American Society of Cataract and Refractive Surgeons, Annual Meeting, Boston, United States, April 2014.
37. **Parker J**, van Dijk K, Melles G. Bowman layer implantation: an alternative to penetrating/ deep anterior lamellar keratoplasty for advanced keratoconus. American Academy of Ophthalmology, Annual Meeting, New Orleans, LA. November 2013.
38. Musa F, Ham L, **Parker J**, Dirisamer M, Naveiras M, van Dijk K, Melles G. Endothelial cell density after Descemet membrane endothelial keratoplasty (DMEK): 5 year follow-up. American Academy of Ophthalmology, Annual Meeting, Chicago, IL. November 2012.
39. **Parker J**, Groeneveld E, Lie J, van der Wees J, Bruinsma M, Melles G. Standardized 'no-touch' preparation for DALK and DMEK: creating two transplants from one donor cornea. American Academy of Ophthalmology, Annual Meeting, Chicago, IL. November 2012.
40. **Parker J**, Quilendrin R, Höhn H, Dapena I, Ham L, Oellerich S, Melles G. Are we overestimating the endothelial cell 'loss' after Descemet membrane endothelial keratoplasty (DMEK)? American Academy of Ophthalmology, Annual Meeting, Chicago, IL. November 2012.
41. **Parker J**, Dirisamer M, Naveiras M, Ham L, van Dijk K, Frank L, Dapena I, Tse W, Melles G. Descemet Membrane Endothelial Keratoplasty in Phakic Eyes. European Eye Banks Association, Annual Meeting, Rotterdam, The Netherlands. January 2012.
42. **Parker J**, Dirisamer M, Naveiras M, Ham L, van Dijk K, Frank L, Dapena I, Tse W, Melles G. Descemet Membrane Endothelial Keratoplasty in Phakic Eyes. American Academy of Ophthalmology, Annual Meeting, Orlando, FL. October 2011.

43. Kurwa A, Myrowitz E, **Parker J**, Chuck R. Visual outcomes in post-RK patients with Wavefront-guided PRK. American Academy of Ophthalmology, Annual Meeting, Atlanta, GA. November 2008.
44. Myrowitz EH, Kurwa A, **Parker J**, Chuck RS. Visual outcomes in post-RK patients with Wavefront-guided PRK. Association for Research in Vision and Ophthalmology, Annual Meeting, Fort Lauderdale, FL. May 2008
45. **Parker JS**, De Leon-Ortega JE, Girkin CA, Correlations between neuroretinal rim and nerve fiber layer with visual function tests in advanced glaucoma patients. Association for Research in Vision and Ophthalmology, Annual Meeting, Fort Lauderdale, FL. May 2007
46. Castro-Combs J, Cano M, Noguera G, **Parker J**, Mori K, Behrens A, Gehlbach P, Corneal re-epithelialization is not inhibited following treatment with prevalent viral vectors in an ex-vivo model. Association for Research in Vision and Ophthalmology, Annual Meeting, Fort Lauderdale, FL. May 2007

## VIDEO PRESENTATIONS

1. Dockery P, Parker J, **Parker J**. Flattening the curve with corneal allogenic intrastromal ring segment (CAIRS) implantation. American Society of Cataract and Refractive Surgeons, Annual Meeting, Las Vegas, United States. July 2021.
2. Dockery P, **Parker J**. Intracorneal ring segment implantation in patients with keratoconus and Ehlers-Danlos syndrome. American Society of Cataract and Refractive Surgeons, Annual Meeting, San Diego, United States. May 2019.
3. Preda-Naumescu A, Everett A, **Parker J**. A Simplified, Standardized Technique for Malyugin Ring Extraction. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.
4. Jijelava K, Le H, Diamond A, Yee J, **Parker J**. A novel treatment strategy for the phacoemulsification of soft lenses: the V-slice technique. American Society of Cataract and Refractive Surgeons, Annual Meeting, Los Angeles, United States. May 2017.

## GRANTS

2017	American Society of Cataract and Refractive Surgeons \$5000 for “Femtosecond Preparation of Isolated Bowman Layer Grafts”
2015	Eye Bank Association of America, Richard Lindstrom Grant \$2500 for “Femtosecond preparation of isolated Bowman Layer Grafts”

## DOCTORAL THESIS

2017	Recent innovations in minimally invasive anterior and posterior lamellar keratoplasty
------	---

## EDITORIAL ACTIVITIES

2018-present	Reviewer: World Ophthalmology Conference
2017-present	Reviewer: Cornea
2017-present	Reviewer: American Journal of Ophthalmology
2017-present	Reviewer: Journal of Current Ophthalmology
2016-present	Reviewer: Yale Journal of Biology and Medicine
2015-present	Young ophthalmologists editorial board member: Ocular Surgery News

## HONORS

2021	Second place video, ASCRS Annual meeting <i>Flattening the curve with corneal allogenic intrastromal ring segment (CAIRS) implantation.</i>
2020	Planning committee, Southern eye congress 2020

*Curriculum vitae – Parker J - November 2021*

2019 Co-chair, Southern eye congress 2019  
2018 Second place poster, glaucoma category, ASCRS Annual meeting.  
*Surgical outcomes of ab-intero canaloplasty during CEIOL and trabecular meshwork micro-bypass stenting.*  
2017 Outpatient Ophthalmic Society Presidential Scholarship Award  
2017 ASCRS Foundation, Best resident & fellows paper/poster  
*Getting Hooked: A Simple Technique for the Treatment of Adhesive Injuries to the Eyelids.*  
2016 Best Poster Presentation, Cornea Category, AAO Annual Meeting  
*Bowman layer transplantation: clinical outcomes up to 5 years*  
2016 UAB Department of Ophthalmology  
*“Brass apple” outstanding resident teacher award*  
2016 UAB Department of Ophthalmology  
*“Lynn B. McMahan, M.D.” outstanding resident presentation award*  
2016 Best Paper of Session, DSEK/DMEK, ASCRS Annual Meeting  
*Postmortem Ultrastructural analysis after DMEK*  
2016 Best Paper of Session, Keratoconus Category, ASCRS Annual Meeting  
*Bowman layer transplantation for advanced keratoconus*  
2016 ASCRS Foundation Lieberman Award  
*Bowman layer transplantation for advanced keratoconus*  
2016 ASCRS Foundation, Best resident & fellows paper/poster  
*Bowman layer transplantation for advanced keratoconus*  
2015 ASCRS Foundation Resident Excellence Award  
2014 Best Paper of Session, Cornea Category, AAO Annual Meeting  
*Bowman layer transplantation for advanced keratoconus*  
2014 Best Paper of Session, Keratoconus Category, ASCRS Annual Meeting  
*Bowman layer transplantation for advanced keratoconus*  
2012 Best Poster Presentation, Cornea Category, AAO Annual Meeting  
*Endothelial Cell Density 5 years after DMEK*  
2012 Samuel Clements Little Award for excellence in neurology  
2012 Achievement Award for scholastic excellence in neurology  
2011 Best Poster Presentation, Cornea Category, AAO Annual Meeting  
*DMEK in phakic eyes*  
2011 President, Gold Humanism Honor Society  
2011 Caduceus Club Travel Fellowship  
2007-2008; 2008-2009 Fellow, Institute for Humane Studies  
2008-2009 Garvey Fellow, The Independent Institute  
2008 Staples Medical Scholarship  
2008 Hargis Medical Scholarship  
2007 George and Joele Eddy Prize, Ludwig von Mises Institute  
2004 National Merit Finalist