

References

S-116

1. Wayman LL. Keratoconus. *Up-To-Date*. Last reviewed May 13, 2016.
2. Heinzelmann S, Bohringer D, Eberwein P, et al. Outcomes of descemet membrane endothelial keratoplasty, descemet stripping automated endothelial keratoplasty and penetrating keratoplasty from a single centre study. *Graefes Arch Clin Exp Ophthalmol*. 2016; 254:515–522.
3. American Society of Cataract and Refractive Surgery. Eye World. December 2016.
4. American Academy of Ophthalmology. What causes cornea problems? September 1, 2016.
5. Odorcic S, Haas W, Gilmore MS, et al. Fungal infections after Boston Type 1 keratoprosthesis Implantation: literature review and in vitro antifungal activity of hypochlorous acid. *Cornea*. 2015; 34(12):1599-1605.
6. Magalhães FP, Hirai FE, Sousa LB de, Oliveira LA de. Long-term outcomes with Boston type 1 keratoprosthesis in ocular burns. *Arq Bras Oftalmol*. 2018; 81(3):177-182.
7. Sayegh RR, Dohlman CH, Greenstein SH, Peli E. The Boston keratoprosthesis provides a wide depth of focus. *Ophthalmic Physiol Opt*. 2015;35(1):39-44.
8. Woo JH, Ang M, Htoon HM, et al. Descemet membrane endothelial keratoplasty versus descemet stripping automated endothelial keratoplasty and penetrating keratoplasty. *J. Ophthalmol*. 2019;207:288-303.
9. Singh SK, Sitaula S. Visual outcome of descemet membrane endothelial keratoplasty during the learning curve in initial fifty cases. *J Ophthalmol*.
10. Stuart AJ, Romano V, Virgili G, et al. Descemet's membrane endothelial keratoplasty (DMEK) versus descemet's stripping automated endothelial keratoplasty (DSAEK) for corneal endothelial failure. *Cochrane Database Syst Rev*. 2018;CD012097.
11. Marques RE, Guerra PS, Sousa DC, et al. DMEK versus DSAEK for Fuchs' endothelial dystrophy: A meta-analysis. *Eur J Ophthalmol*. 2019 29(1).
12. Chamberlain W, Lin CC, Austin A, et al. Descemet endothelial thickness comparison trial: A randomized trial comparing ultrathin descemet stripping automated endothelial keratoplasty with descemet membrane endothelial keratoplasty. *Ophthalmol*. 2019;126(1).
13. Hirabayashi KE, Chamberlain W, Rose-Nussbaumer J, et al. Corneal light scatter after ultrathin descemet stripping automated endothelial keratoplasty versus descemet membrane endothelial keratoplasty in descemet endothelial thickness comparison trial: a randomized controlled trial. *Cornea*. 2020;39(6):691-696.

14. Fuest M, Ang M, Htoon HM, et al. Long-term visual outcomes comparing descemet stripping automated endothelial keratoplasty and penetrating keratoplasty. *Am J Ophthalmol.* 2017;182:62-71.
15. Lee WB, Shtein RM, Kaufman SC, et al. Boston keratoprosthesis: outcomes and complications: a report by the American Academy of Ophthalmology. *Ophthalmol.* 2015;122(7):1504-1511.
16. Ahmad S, Mathews PM, Lindsley K, et al. Boston type 1 keratoprosthesis versus repeat donor keratoplasty for corneal graft failure: a systematic review and meta-analysis. *Ophthalmol.* 2016;123(1):165-177.
17. Chan CC, LoVerde L, Qiang J, et al. Incidence, risk factors, and surgical management of Boston type 1 keratoprosthesis corneal melts, leaks, and extrusions. *Cornea.* 2016;35(8):1049-1056.
18. Farid M, Rhee MK, Akpek EK et al. Corneal edema and opacification preferred practice pattern(R). *Ophthalmol.* 2019;126(1).
19. InterQual® Level of Care Criteria 2019. Acute Care Adult. Change Healthcare, LLC.
20. Eye Bank Association of America. 2016 eye banking statistical report. 2017; <http://restoresight.org/wp-content/uploads/2017/04/2016-statistical-report-final-040717.pdf>. Accessed August 11, 2020.
21. Woo JH, Ang M, Htoon HM, et al. Descemet membrane endothelial keratoplasty versus descemet stripping automated endothelial keratoplasty and penetrating keratoplasty. *Am J Ophthalmol.* 2019;207:288-303.
22. Duggan MJ, Rose-Nussbaumer J, Lin CC et al. Corneal higher-order aberrations in descemet membrane endothelial keratoplasty versus ultrathin dsaek in the descemet endothelial thickness comparison trial: a randomized clinical trial. *Ophthalmol.* 2019;126(7).
23. Wacker K, Baratz KH, Maguire LJ, et al. Descemet stripping endothelial keratoplasty for fuchs' endothelial corneal dystrophy: five-year results of a prospective study. *Ophthalmol.* 2016;123(1):154-160.
24. Deng SX, Lee WB, Hammersmith KM, et al. Descemet membrane endothelial keratoplasty: safety and outcomes: a report by the American academy of ophthalmology. 2018;125(2):295-310.
25. Deng SX, Lee WB, Hammersmith KM, et al. Descemet membrane endothelial keratoplasty: safety and outcomes: a report by the American academy of ophthalmology. 2018;125(2):295-310.
26. Singh A, Zarei-Ghanavati M, Avadhanam V, et al. Systematic review and meta-analysis of clinical outcomes of descemet membrane endothelial keratoplasty versus descemet stripping endothelial keratoplasty/descemet stripping automated endothelial keratoplasty. *Cornea.* 2017;36(11):1437-1443.
27. Pavlovic I, Shajari M, Herrmann E, et al. Meta-analysis of postoperative outcome parameters comparing descemet membrane endothelial keratoplasty

- versus descemet stripping automated endothelial keratoplasty. *Cornea*. 2017;36(12):1445-1451.
28. Li S, Liu L, Wang W, et al. Efficacy and safety of Descemet's membrane endothelial keratoplasty versus Descemet's stripping endothelial keratoplasty: A systematic review and meta-analysis. *PLoS One*. 2017;12(12):e0182275.
 29. Oellerich S, Baydoun L, Peraza-Nieves J, et al. Multicenter study of 6-month clinical outcomes after descemet membrane endothelial keratoplasty. *Cornea*. 2017;36(12):1467-1476.
 30. Ivarsen A, Hjortdal J. Clinical outcome of descemet's stripping endothelial keratoplasty with femtosecond laser-prepared grafts. *Acta Ophthalmol*. 2018;96(5).
 31. Sorkin N, Mednick Z, Einan-Lifshitz A, et al. Three-year outcome comparison between femtosecond laser-assisted and manual descemet membrane endothelial keratoplasty. 2019;38(7).
 32. Singhal D, Maharana PK. RE: "Three-year outcome comparison between femtosecond laser-assisted and manual descemet membrane endothelial keratoplasty". 2019;38(11).
 33. Hosny MH, Marrie A, Karim Sidky M, et al. Results of femtosecond laser-assisted descemet stripping automated endothelial keratoplasty. *J Ophthalmol*. 2017;2017:8984367.
 34. National Institute for Health and Care Excellence (NICE). Corneal endothelial transplantation [IPG304]. 2009; <https://www.nice.org.uk/guidance/IPG304>. Accessed August 11, 2020.
 35. Rudnisky CJ, Belin MW, Guo R, et al. Visual acuity outcomes of the Boston keratoprosthesis type 1: multicenter study results. *Am J Ophthalmol*. 2016;162:89-98 e81.