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Clinical outcomes and graft survival after Descemet membrane endothelial keratoplasty

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Citation

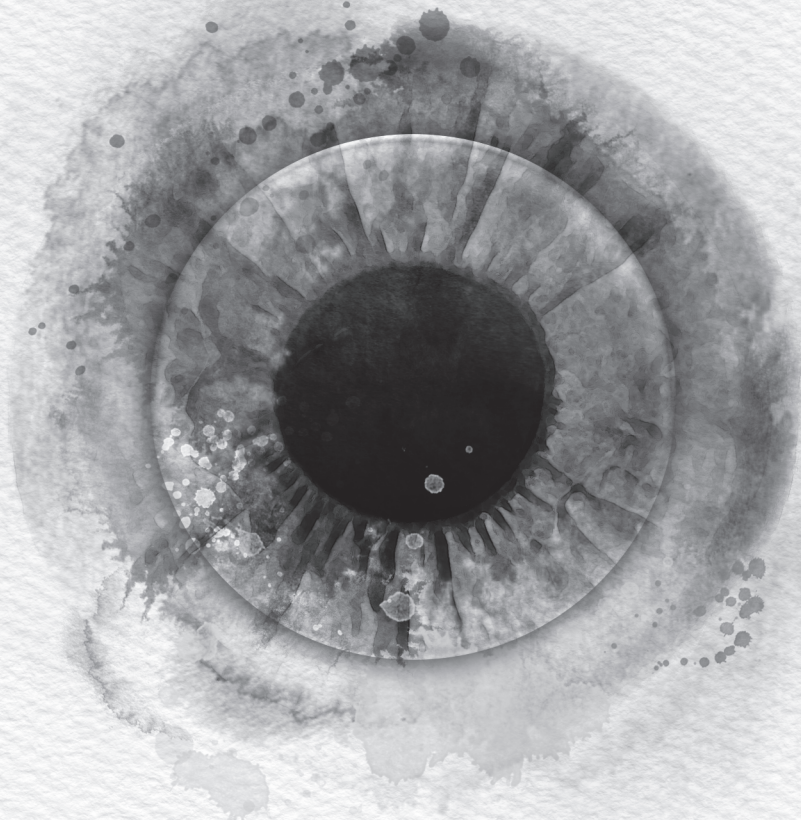
Vasiliauskaite, I. (2024, March 21). *Clinical outcomes and graft survival after Descemet membrane endothelial keratoplasty*. Retrieved from <https://hdl.handle.net/1887/3729753>

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Note: To cite this publication please use the final published version (if applicable).



Appendices

List of publications

Curriculum Vitae

Acknowledgements

LIST OF PUBLICATIONS

1. van der Star L, van Dijk K, **Vasiliauskaitė I**, Dapena I, Oellerich S, Melles GRJ. Long-term outcomes of Bowman layer inlay transplantation for the treatment of progressive keratoconus. *Cornea*. 2022;41(9):1150-1157.
2. **Vasiliauskaitė I**, Kocaba V, van Dijk K, Baydoun L, Lanser C, Lee D, Jager M, Melles G, Oellerich S. Long-term outcomes of Descemet membrane endothelial keratoplasty: effect of surgical indication and disease severity. *Cornea*. 2022 - Published online ahead of print.
3. Voncken Santana S, **Vasiliauskaitė I**, van Dijk K, van Tilborg M, Melles GRJ, Kocaba V, Oellerich S. Impact of Fuchs endothelial corneal dystrophy severity on Scheimpflug-derived parameters after Descemet membrane endothelial keratoplasty. *Cornea*. 2022 - 2022 - Published online ahead of print.
4. **Vasiliauskaitė I**, Quilendrin R, Baydoun L, van Dijk K, Melles GRJ, Oellerich S. Effect of six-month postoperative endothelial cell density on graft survival after Descemet membrane endothelial keratoplasty. *Ophthalmology*. 2021;128(12):1689-1698.
5. **Vasiliauskaitė I**, Dhubhghaill SN, Ham L, Van Dijk K, Oellerich S, Melles GRJ. Phacoemulsification after Descemet membrane endothelial keratoplasty: incidence and influence on endothelial cell density. *J Refract Surg*. 2021;37(2):119-125.
6. Brüggewirth IMA, van Reeve M, **Vasiliauskaitė I**, van der Helm D, van Hoek B, Schaapherder AF, Alwayn IPJ, van den Berg AP, de Meijer VE, Darwish Murad S, Polak WG, Porte RJ. Donor diabetes mellitus is a risk factor for diminished outcome after liver transplantation: a nationwide retrospective cohort study. *Transpl Int*. 2021;34(1):110-117.
7. **Vasiliauskaitė I**, de Jong M, Quilendrin R, van der Wees J, Oellerich S, Melles GRJ. Use of corneas from septic donors for Descemet membrane endothelial keratoplasty. *Cornea*. 2021;40(1):33-38.
8. **Vasiliauskaitė I**, Oellerich S, Ham L, Dapena I, Baydoun L, van Dijk K, Melles GRJ. Descemet membrane endothelial keratoplasty: ten-year graft survival and clinical outcomes. *Am J Ophthalmol*. 2020;217:114-120.
9. Musayeva A, Livny E, Dragnea DC, Ham L, **Vasiliauskaitė I**, Ní Dhubhghaill S, van Dijk K, Oellerich S, Melles GRJ. Endothelial cell density changes in the corneal center versus paracentral areas after Descemet membrane endothelial keratoplasty. *Cornea*. 2020;39(9):1091-1095.

CURRICULUM VITAE

Indrė Vasiliauskaitė was born on September 16, 1994, in Prienai, Lithuania. After graduating from Birštonas gymnasium in Birštonas, Lithuania, she studied Biomedical Science at Lancaster University in Lancaster, The United Kingdom, where she received her Bachelors' degree in 2016.

Directly after she moved to The Netherlands and enrolled in a Master' degree in Clinical Research at Erasmus Medical Center Rotterdam, affiliated with the Netherlands Institute for Health Sciences, also located in Rotterdam. In 2018, she obtained this Masters' degree with a thesis focusing on metabolic disturbances in liver donors.

After graduation, she began her research career in the Netherlands Institute for Innovative Ocular Surgery (NIIOS) in Rotterdam, The Netherlands, where she worked as an imaging room technician and R&D researcher. Her main task was to assist with ophthalmic imaging in the Melles Hoornvlies Kliniek Rotterdam and to carry out clinical research on the corneal transplantation data. Her main research focus was corneal graft survival after Descemet membrane endothelial keratoplasty and the influence of various donor / patient parameters on graft survival. Also, as part of her duties in the research department, she regularly presented her results at national and international conferences and internal meetings. She was also a part of the NIIOS academy team and worked as an instructor during the DMEK beginners' wet lab courses for ophthalmologists in Rotterdam and at meetings all over the world.

Starting in 2022, she was accepted into the graduate school of the Leiden University Medical Centre (LUMC), Leiden, as a PhD student under the supervision of Prof. Dr. M.J. Jager, Dr. G.R.J. Melles and Dr. S. Oellerich.

ACKNOWLEDGMENTS

I have never been one to express my feelings, but some things cannot go unmentioned. I achieved this incredible milestone with support from many people, and I would like to acknowledge some in particular.

To begin with, I would like to express my deepest gratitude to Professor Dr. Martine Jager. Thank you so much for this opportunity, and all the guidance, invaluable patience and, feedback throughout these years.

Dr. Silke Oellerich, thank you so much for doing the devil's work. Thank you for guiding me along this journey - without your vision, time, and the effort - I would not be where I am now.

I am also extremely grateful to Dr. Gerrit Melles for creating growth possibilities within NIIOS and allowing me to combine work with education.

This brilliant research journey has brought immense experience, which I will always treasure. I am also thankful to Dr. Viridiana Kocaba for her gentle support, our monthly PhD meetings, brainstorming, and all the pep talks that we had. I genuinely enjoyed being your sidekick in Greece. I would also like to express my appreciation to Professor Dr. Sorcha Ni Dhubhghaill for being an incredible protagonist for women in ophthalmology. You truly inspire me with your achievements.

I would also like to thank Dr. Lamis Baydoun, Dr. Isabel Dapena, Dr. Ruth Quilendrin, Lydia van der Star, Dr. Korine van Dijk, and Dr. Lisanne Ham, for their support and research expertise. We made an amazing team and published remarkable manuscripts together.

I very much appreciate my partners in crime, Alina and Daniele, who have successfully completed their PhDs and have shared their golden wisdom with me. Alina, thank you so much for being a listening ear and a helping hand. You performed an immense supporting role, guiding me through the LUMC university, thesis writing, and the graduation formalities. Daniele, by today you have passed your wisdom down to a second-generation PhD candidate, making you a true PhD expert. I will cherish the academic and gastronomic wisdom, which you have shared with me. To my paranymph, Maloeke, thank you for your help during the

stressful moments, your positivity and calm presence. I will always think of you fondly.

Many thanks to the imaging room staff, especially Vincent, Charlotte, and Demi, not only for their help with endothelial cell counting but also for the never-ending “gezelligheid” we shared. I truly treasure them. Also, to all my colleagues at NIIOS, thank you for bringing out the best of me.

Special thanks go to all my national and international friends, especially to Justė. Thank you for listening to my non-ending personal and work-related drama. You give the best advice ever, and I hope our friendship will continue for more years to come.

There are not enough words to describe the love and the gratitude I feel towards my fiancé, Stephan. I want to thank you for always understanding me, supporting me, and loving me unconditionally. I look forward to our future together.

Nuoširdžią padėką noriu pareikšti savo močiutei ir tėveliams, už visakeriopą pagalbą besimokant skirtingose šalyse, už nesibaigiantį dėmesingumą ir rūpestį doktorantūros moksluose. Ačiū už jūsų begalinę meilę, padrašinimą ir palaikymą. Tikiuosi, kad jūs manimi didžiuojatės!

