

## Wetenschappelijke output 2015

### Dissertaties

1. Cheng, Y.Y.Y. Clinical outcomes after innovative lamellar corneal transplantation surgery. Maastricht University. 21-12-2015. Promotor: Nuijts RMMA, Co-promotor: Schouten JSAG
2. Vinekar, A. Retinopathy of prematurity: Recent advances in tele-medicine screening, risk factors and spectral domain optical coherence tomography imaging. Maastricht University. 28-10-2015. Promotor: Webers CAB, Co-promotor: Bauer NJC
3. Tian, Y. The effect of lutein on the inflammatory pathways in age-related macular degeneration. Maastricht University. 17-9-2015. Promotores: Webers CAB , Kijlstra A, Co-promotor: Berendschot TTJM
4. Shetty, R. Understanding the clinical, immunological & genetic molecular mechanisms of keratoconus. Maastricht University. 18-6-2015. Promotores: Nuijts RMMA, Webers CAB

### Wetenschappelijke publicatie in internationaal tijdschrift vermeldt in SCI of SSCI

1. Aerts AA, Jonker SM, Wielders LH, Berendschot TTJM, Doors M, De Brabander J, Nuijts RMMA. Phakic intraocular lens: Two-year results and comparison of endothelial cell loss with iris-fixated intraocular lenses. *J Cataract Refract Surg.* 2015;41:2258-2265.
2. Battu R, Khanna A, Hegde B, Berendschot TTJM, Grover S and Schouten JSAG, Correlation of structure and function of the macula in patients with retinitis pigmentosa. *Eye (Lond)*, 2015;29:895-901
3. Bennis A, Gorgels TGMF, Ten Brink JB, van der Spek PJ, Bossers K, Heine VM and Bergen AA, Comparison of Mouse and Human Retinal Pigment Epithelium Gene Expression Profiles: Potential Implications for Age-Related Macular Degeneration. *PloS one*, 2015;10:e0141597
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5. Cuellar-Partida G, Springelkamp H, Lucas SE, Yazar S, Hewitt AW, Iglesias AI, Montgomery GW, Martin NG, Pennell CE, van Leeuwen EM, Verhoeven VJ, Hofman A, Uitterlinden AG, Ramdas WD, Wolfs RC, Vingerling JR, Brown MA, Mills RA, Craig JE, Klaver CC, van Duijn CM, Burdon KP, MacGregor S and Mackey DA, *WNT10A* exonic variant increases the risk of keratoconus by decreasing corneal thickness. *Hum Mol Genet*, 2015;24:5060-5068
6. Dabir S, Mangalesh S, Schouten JSAG, Berendschot TTJM, Kurian MK, Kumar AK, Yadav NK and Shetty R, Axial length and cone density as assessed with adaptive optics in myopia. *Indian J Ophthalmol*, 2015;63:423-426

7. Dabir S, Shwetha M, Kiran Anupama K, Kummelil Mathew K, Berendschot TTJM, Schouten JSAG, Bharamshetter R, Naresh YK, Rohit S and Hegde B, Structural and Function Correlation of Cone Packing Utilizing Adaptive Optics and Microperimetry. *Biomed Res Int*, 2015;2015:968672
8. De Clerck EE, Schouten JSAG, Berendschot TTJM, Kessels AG, Nuijts RMMA, Beckers HJ, Schram MT, Stehouwer CD and Webers CAB, New ophthalmologic imaging techniques for detection and monitoring of neurodegenerative changes in diabetes: a systematic review. *Lancet Diabetes Endocrinol*, 2015;3:653-663
9. Fang J, Chen L, Tang J, Hou S, Liao D, Ye Z, Wang C, Cao Q, Kijlstra A and Yang P, Association Between Copy Number Variations of TLR7 and Ocular Behcet's Disease in a Chinese Han Population. *Invest Ophthalmol Vis Sci*, 2015;56:1517-1523
10. Gao X, Tan X, Qin J, Lv S, Hou S, Kijlstra A and Yang P, No association between Bach2 gene polymorphisms with Vogt-Koyanagi-Harada syndrome (VKH) and Behcet's disease (BD) in a Chinese Han population. *Br J Ophthalmol*, 2015;99:1150-1154
11. Hou S, Liao D, Zhang J, Fang J, Chen L, Qi J, Zhang Q, Liu Y, Bai L, Zhou Y, Kijlstra A and Yang P, Genetic variations of IL17F and IL23A show associations with Behcet's disease and Vogt-Koyanagi-Harada syndrome. *Ophthalmology*, 2015;122:518-523
12. Hu J, Hou S, Zhu X, Fang J, Zhou Y, Liu Y, Bai L, Kijlstra A and Yang P, Interleukin-10 gene polymorphisms are associated with Behcet's disease but not with Vogt-Koyanagi-Harada syndrome in the Chinese Han population. *Mol Vis*, 2015;21:589-603
13. Iglesias AI, Springelkamp H, Ramdas WD, Klaver CC, Willemsen R and van Duijn CM, *Genes, pathways, and animal models in primary open-angle glaucoma*. *Eye (Lond)*, 2015;29:1285-1298
14. Jayadev C, Vinekar A, Bauer NJC, Mangalesh S, Mahendradas P, Kemmanu V, Mallipatna A and Shetty B, Look what else we found--clinically significant abnormalities detected during routine ROP screening. *Indian J Ophthalmol*, 2015;63:373-377
15. Jayadev C, Vinekar A, Mohanachandra P, Desai S, Suveer A, Mangalesh S, Bauer NJC and Shetty B, Enhancing Image Characteristics of Retinal Images of Aggressive Posterior Retinopathy of Prematurity Using a Novel Software, (RetiView). *Biomed Res Int*, 2015;2015:898197
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18. Li H, Hou S, Yu H, Zheng M, Zhang L, Zhang J, Zhang Q, Cao Q, Yuan G, Kijlstra A and Yang P, Association of Genetic Variations in TNFSF15 With Acute Anterior Uveitis in Chinese Han. *Invest Ophthalmol Vis Sci*, 2015;56:4605-4610

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23. Mallapatna A, Vinekar A, Jayadev C, Dabir S, Sivakumar M, Krishnan N, Mehta P, Berendschot TTJM and Yadav NK, The use of handheld spectral domain optical coherence tomography in pediatric ophthalmology practice: Our experience of 975 infants and children. *Indian J Ophthalmol*, 2015;63:586-593
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1. Genders SW, Mourits DL, Jasem M, Kloos RJ, Saeed P and Mourits MP, Parallax-free Exophthalmometry: A Comprehensive Review of the Literature on Clinical Exophthalmometry and the Introduction of the First Parallax-Free Exophthalmometer. *Orbit*, 2015;34:23-29
2. Jellema HM, Saeed P, Groenveld L, Kloos RJ and Mourits MP, Outcome of inferior and superior rectus recession in Graves' orbitopathy patients. *Orbit*, 2015;34:84-91
3. Van der Worp E, Molkenboer V. Time for a Change? *Global Contact* 2015;68:20-22
4. Van der Worp E. L'importance de la hauteur sagittale dans l'adaptation en lentilles souples, *Bien Vu* 2015;235:48-49
5. Van der Worp E, Hulscher. Speed Date - CL-SAG meets OC-SAG: part I. *Global Contact* 2015;34-35
6. Van der Worp E, Caroline P, Hall L. On a higher level - position paper on terminology regarding anterior ocular surface topography. *Global Contact* 2015;68:22-24
7. Van der Worp E, Hulscher. Speed Date - CL-SAG meets OC-SAG: part II. *Global Contact* 2015;24-27

#### Editorial Material

1. Bergmanson JP, Ezekiel DF and Van der Worp E, Scleral contact lenses and hypoxia: Theory versus practice. *Cont Lens Anterior Eye*, 2015;38:145-147
2. Nuijts RMMA and Saelens IE, Refractive surgical problem: March consultation #1. *J Cataract Refract Surg*, 2015;41:687
3. Nuijts RMMA and Blanckaert J, Decreased vision after presbyopic laser surgery: What now?: September consultation #1. *J Cataract Refract Surg*, 2015;41:2025-7

## Letters to the editor

1. Wielders LH, Lambermont VA, Schouten JSAG, van den Biggelaar FJHM, Worthy G, Simons RW, Winkens B and Nuijts RMMA, Prevention of Cystoid Macular Edema After Cataract Surgery in Non-Diabetic and Diabetic Patients: A Systematic Review and Meta-Analysis. *Am J Ophthalmol*, 2015;161:222-223

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1. Van den Biggelaar FJHM, Nuijts RMMA, Webers CAB and Vanwersch R, Betere oogzorg door innovatief procesmanagement. *Medisch Contact*, 2015;15:744-748
2. Mourits MP, Saeed P and Kloos RJ, [Enophthalmos as a first sign of breast cancer]. *Ned Tijdschr Geneeskd*, 2015;159:A9114

## Boek

1. Van der Worp E (ed). *A Guide to Scleral Lens Fitting (English)*. Version 2.0, 2015

## Boekbijdrage

1. Leach NE, Van der Worp E, Bergmanson JPG. Corneal and Scleral Topographic Anatomy. In: *Clinical Ocular Anatomy and Physiology* (Bergmanson JPG ed) 22<sup>st</sup> ed , Texas Eye Research and Technology Center, Houston, ISBN 978-1-4675-9029-7, 2015
2. González-Méijome, Carracedo, Araújo, Rajchel, Van der Worp E. Lentes corneo-esclerales y esclerales. Chapter 14, in: *SUPERFICIE OCULAR Y LENTES DE CONTACTO* (Spanish); J.M. González-Méijome, PhD, C. Villa-Collar, PhD (Editors). ISBN: 978-84-939656-9-3, 2015
3. Hou S, Kijlstra A and Yang P, Molecular Genetic Advances in Uveitis. *Prog Mol Biol Transl Sci*, 2015;134:283-98
4. Kelleners-Smeets NWJ, van der Hulst R, Tuinder S, Kloos R. Diagnostiek en behandeling van huidkanker. *Reconstructies. Handboek Dermato oncologie* Hoofdstuk 7, 252-270, 2015
5. Visser N, Nuijts RMMA, Question 29: If the K Measurements differ between different methods, which one should I use? In: *Curbside Consultation in Refractive and Lens-Based Surgery: 49 Clinical Questions*. Editor: Henderson BA, Yoo SH. SLACK Inc. Pp 113-115, 2015
6. Nuijts RMMA, Jonker SMR, and Saelens IEY. Surgical management of postkeratoplasty astigmatism. In: J.L. Guell. *Cornea*. Karger AG, ESASO Course Series, Vol. 6, pp 26-39, 2015

Congrespaper/proceedings paper

1. Tarhan A, Turetken O, van den Biggelaar FJHM (2015). "Assessing Healthcare Process Maturity: Challenges Of Using A Business Process Maturity Model". Process-oriented approach for patient-centered care delivery workshop (ProCare 2015)