

# Publications for Nicole Carnt

## 2020

Carnt, N., Subedi, D., Lim, A., Lee, R., Mistry, P., Badenoch, P., Kilvington, S., Dutta, D. (2020). Prevalence and seasonal variation of *Acanthamoeba* in domestic tap water in greater Sydney, Australia. *Clinical and Experimental Optometry*, 103(6), 782-786. <a href="http://dx.doi.org/10.1111/cxo.13065">[More Information]</a>

Carnt, N., Subedi, D., Connor, S., Kilvington, S. (2020). The relationship between environmental sources and the susceptibility of *Acanthamoeba* keratitis in the United Kingdom. *PLoS One*, 15(3), e0229681. <a href="http://dx.doi.org/10.1371/journal.pone.0229681">[More Information]</a>

## 2019

Garbutcheon-Singh, K., Carnt, N., Pattamatta, U., Samarawickrama, C., White, A., Calder, V. (2019). A Review of the Cytokine IL-17 in Ocular Surface and Corneal Disease. *Current Eye Research*, 44(1), 1-10. <a href="http://dx.doi.org/10.1080/02713683.2018.1519834">[More Information]</a>

## 2018

Carnt, N., Robaei, D., Minassian, D., Dart, J. (2018). *Acanthamoeba* keratitis in 194 patients: risk factors for bad outcomes and severe inflammatory complications. *British Journal of Ophthalmology*, 102, 1431-1435. <a href="http://dx.doi.org/10.1136/bjophthalmol-2017-310806">[More Information]</a>

Do, V., McCluskey, P., Palagyi, A., Stapleton, F., White, A., Carnt, N., Keay, L. (2018). Are cataract surgery referrals to public hospitals in Australia poorly targeted? *Clinical and Experimental Ophthalmology*, 46(4), 364-370. <a href="http://dx.doi.org/10.1111/ceo.13057">[More Information]</a>

Kwon, M., Carnt, N., Truong (Osborne), N., Pattamatta, U., White, A., Samarawickrama, C., Cunningham, A. (2018). Dendritic cells in the cornea during Herpes simplex viral infection and inflammation. *Survey of Ophthalmology*, 63(4), 565-578. <a href="http://dx.doi.org/10.1016/j.survophthal.2017.11.001">[More Information]</a>

Kim, D., Pattamatta, U., Kelly, E., Healey, P., Carnt, N., Zoellner, H., White, A. (2018). Inhibitory Effects of Angiotensin II Receptor Blockade on Human Tenon Fibroblast Migration and Reactive Oxygen Species Production in Cell Culture. *Translational Vision Science and Technology*, 7(2), 20. <a href="http://dx.doi.org/10.1167/tvst.7.2.20">[More Information]</a>

Gilbert, C., Keay, L., Palagyi, A., Do, V., McCluskey, P., White, A., Carnt, N., Stapleton, F., Laba, T. (2018). Investigation of attributes which guide choice in cataract surgery services in urban Sydney, Australia. *Clinical and Experimental Optometry*, 101(3), 363-371. <a href="http://dx.doi.org/10.1111/cxo.12653">[More Information]</a>

Do, V., McCluskey, P., Palagyi, A., White, A., Stapleton, F., Carnt, N., Keay, L. (2018). Patient perspectives of cataract

surgery: protocol and baseline findings of a cohort study. *Clinical and Experimental Optometry*, 101(6), 732-739. <a href="http://dx.doi.org/10.1111/cxo.12686">[More Information]</a>

## 2017

Ung, L., Pattamatta, U., Carnt, N., Wilkinson-Berka, J., Liew, G., White, A. (2017). Oxidative stress and reactive oxygen species: A review of their role in ocular disease. *Clinical Science*, 131(24), 2865-2883. <a href="http://dx.doi.org/10.1042/CS20171246">[More Information]</a>

Samarawickrama, C., Li, Y., Carnt, N., Willcox, M., Dutta, D., Watson, S. (2017). Reducing oral contamination during corneal scrapes. *BMJ Open Ophthalmology*, 1(1), 1-4. <a href="http://dx.doi.org/10.1136/bmjophth-2016-000044">[More Information]</a>

Stapleton, F., Naduvilath, T., Keay, L., Radford, C., Dart, J., Edwards, K., Carnt, N., Minassian, D., Holden, B. (2017). Risk factors and causative organisms in microbial keratitis in daily disposable contact lens wear. *PLoS One*, 12(8), 1-12. <a href="http://dx.doi.org/10.1371/journal.pone.0181343">[More Information]</a>

Carnt, N., Montanez, V., Galatowicz, G., Veli, N., Calder, V. (2017). Tear cytokine levels in contact lens wearers with *acanthamoeba* keratitis. *Cornea*, 36(7), 791-798. <a href="http://dx.doi.org/10.1097/ICO.0000000000001238">[More Information]</a>

Carnt, N., Samarawickrama, C., White, A., Stapleton, F. (2017). The diagnosis and management of contact lens-related microbial keratitis. *Clinical and Experimental Optometry*, 100(5), 482-493. <a href="http://dx.doi.org/10.1111/cxo.12581">[More Information]</a>

Carnt, N. (2017). The TFOS 8th International Conference on the Tear Film & Ocular Surface: Basic Science and Clinical Relevance (Montpellier, France, September 7-10, 2016). Highlights from the Platform Sessions. *The Ocular Surface*, 15(2), 257-263. <a href="http://dx.doi.org/10.1016/j.jtos.2017.01.002">[More Information]</a>

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Evans, C., Davidson, A., Carnt, N., Rojas Lopez, K., Veli, N., Thaug, C., Tuft, S., Hardcastle, A. (2016). Genotype-phenotype correlation for TGFBI corneal dystrophies identifies p.(G623D) as a novel cause of epithelial basement membrane dystrophy. *Investigative Ophthalmology and Visual Science*, 57(13), 5407-5414. <a href="http://dx.doi.org/10.1167/iovs.16-19818">[More Information]</a>

Liskova, P., Evans, C., Davidson, A., Zaliouva, M., Dudakova, L., Trkova, M., Stranecky, V., Carnt, N., Plagnol, V., et al (2016). Heterozygous deletions at the ZEB1 locus verify haploinsufficiency as the mechanism of disease for posterior

polymorphous corneal dystrophy type 3. *European Journal of Human Genetics*, 24(7), 985-991. <a href="http://dx.doi.org/10.1038/ejhg.2015.232">[More Information]</a>

Kaye, S., Sueke, H., Romano, V., Chen, J., Carnt, N., Tuft, S., Neal, T. (2016). Impression membrane for the diagnosis of microbial keratitis. *The British Journal of Ophthalmology*, 100(5), 607-610. <a href="http://dx.doi.org/10.1136/bjophthalmol-2015-307091">[More Information]</a>

Lim, C., Carnt, N., Farook, M., Lam, J., Tan, D., Mehta, J., Stapleton, F. (2016). Risk factors for contact lens-related microbial keratitis in Singapore. *Eye*, 30(3), 447-455. <a href="http://dx.doi.org/10.1038/eye.2015.250">[More Information]</a>

Stapleton, F., Keay, L., Szczotka-Flynn, L., Carnt, N., Lindsley, K., Schein, O. (2016). Silicone hydrogel contact lenses versus hydrogel daily wear contact lenses for the correction of simple refractive error. *Cochrane Database of Systematic Reviews*, 2016 (11). <a href="http://dx.doi.org/10.1002/14651858.CD009320.pub2">[More Information]</a>

Carnt, N., Stapleton, F. (2016). Strategies for the prevention of contact lens-related Acanthamoeba keratitis: a review. *Ophthalmic and Physiological Optics*, 36(2), 77-92. <a href="http://dx.doi.org/10.1111/opo.12271">[More Information]</a>

Carnt, N., Robaei, D., Watson, S., Minassian, D., Dart, J. (2016). The Impact of Topical Corticosteroids Used in Conjunction with Antiamoebic Therapy on the Outcome of Acanthamoeba Keratitis. *Ophthalmology*, 123(5), 984-990. <a href="http://dx.doi.org/10.1016/j.ophtha.2016.01.020">[More Information]</a>

## 2015

Shovlin, J., Argueso, P., Carnt, N., Chalmers, R., Efron, N., Fleiszig, S., Nichols, J., Polse, K., Stapleton, F., Wiley, L., et al (2015). 3. Ocular surface health with contact lens wear. *Contact Lens and Anterior Eye*, 46(Supp 1), S14-21. <a href="http://dx.doi.org/10.1016/S1367-0484(13)60005-3">[More Information]</a>

Robaei, D., Carnt, N., Minassian, D., Dart, J. (2015). Therapeutic and Optical Keratoplasty in the Management of Acanthamoeba Keratitis: Risk Factors, Outcomes, and Summary of the Literature. *Ophthalmology*, 122(1), 17-24. <a href="http://dx.doi.org/10.1016/j.ophtha.2014.07.052">[More Information]</a>

## 2014

Iovieno, A., Gore, D., Carnt, N., Dart, J. (2014). Acanthamoeba sclerokeratitis: epidemiology, clinical features, and treatment outcomes. *Ophthalmology*, 121(12), 2340-2347. <a href="http://dx.doi.org/10.1016/j.ophtha.2014.06.033">[More Information]</a>

Davidson, A., Cheong, S., Hysi, P., Venturini, C., Plagnol, V., Ruddle, J., Hala, A., Carnt, N., Gardner, J., Hassan, H., et al (2014). Association of CHRDL1 mutations and variants with X-linked megalocornea, Neuhauser syndrome and central corneal thickness. *PLoS One*, 9(9), 1-12. <a href="http://dx.doi.org/10.1371/journal.pone.0104163">[More Information]</a>

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## 2012

Carnt, N., Willcox, M., Hau, S., Keay, L., Dart, J., Chakrabarti, S., Stapleton, F. (2012). Immune Defense Single Nucleotide Polymorphisms and Recruitment Strategies Associated with Contact Lens Keratitis. *Ophthalmology*, 119(10), 1997-2002. <a href="http://dx.doi.org/10.1016/j.ophtha.2012.05.020">[More Information]</a>

## 2011

Markoulli, M., Francis, I., Yong, J., Jalbert, I., Carnt, N., Cole, N., Papas, E. (2011). A Histopathological Study of Bulbar Conjunctival Flaps Occurring in 2 Contact Lens Wearers. *Cornea*, 30(9), 1037-1041. <a href="http://dx.doi.org/10.1097/ICO.0b013e318207ec82">[More Information]</a>

Carnt, N., Keay, L., Willcox, M., Evans, V., Stapleton, F. (2011). Higher risk taking propensity of contact lens wearers is associated with less compliance. *Contact Lens and Anterior Eye*, 34(5), 202-206. <a href="http://dx.doi.org/10.1016/j.clae.2010.10.004">[More Information]</a>

Carnt, N., Keay, L., Wilcox, M., Evans, V., Stapleton, F. (2011). Pilot Study of Contact Lens Practitioner Risk-Taking Propensity. *Optometry and Vision Science*, 88(8), e981-e987. <a href="http://dx.doi.org/10.1097/OPX.0b013e31821ddd9c">[More Information]</a>

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Carnt, N., Wu, Y., Willcox, M., Stapleton, F. (2010). Contact lens and lens storage case cleaning instructions: whose advice should we follow? *Eye and Contact Lens*, 36(2), 68-72. <a href="http://dx.doi.org/10.1097/ICL.0b013e3181cf8aff">[More Information]</a>

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<a href="http://dx.doi.org/10.1001/archophthalmol.2009.313">[More Information]</a>

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href="http://dx.doi.org/10.1097/OPX.0b013e3181ae0084">[More Information]</a>

## 2008

Carnt, N., Zhao, Z., Aliwarga, Y., Garrett, Q., Wei, X., Willcox, M. (2008). Proteomic analysis of protein deposits on worn daily wear silicone hydrogel contact lenses. *Molecular Vision*, 14, 2016-2024.