

Michael Ntodie

Senior Lecturer · Optometry
University of Cape Coast

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RESEARCH

Interests Clinical optometry · refractive errors · visual development · eye health
Areas Epidemiology · Ophthalmology · Public Health, Environmental and Occupational Health · Radiology, Nuclear Medicine and Imaging · Cognitive Neuroscience · Social Psychology

RESEARCH SUMMARY

34	263	9	9	0.65	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 34 publications listed below, 2012–2026. Field-weighted impact is the mean over the 25 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 25 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer	2021–present
Optometry and Vision Science, University of Cape Coast, Cape Coast, Ghana	
Lecturer	2019–2021
Optometry and Vision Science, University of Cape Coast, Cape Coast, Ghana	
Assistant Lecturer	2014–2019
Optometry and Vision Science, University of Cape Coast Cape Coast G, Cape Coast, Ghana	

EDUCATION AND QUALIFICATIONS

Professional Certificate in Low Vision	2017
College of Optometrists, London, United Kingdom	
PhD	2015–2019
Optometry and Vision Science, University of Ulster, Coleraine, United Kingdom	
MSc Public Health for Eye Care	2012–2013
London School of Hygiene and Tropical Medicine, London, United Kingdom	
Doctor of Optometry (OD)	2004–2010
Department of Optometry, University of Cape Coast, Cape Coast, Ghana	

PUBLICATIONS

Journal articles 34

1. Enyam K.A. Morny, Emmanuel Adator, Carl Halladay Abraham, Dillys A.D. Amega, Solomon Edziah, Fidelis Kuebutornye, Kojo Essel-Amoah, Stephen Ocansey, Charles Darko-Takyi, Michael Ntodie, Selina Holdbrook, Obed Amoah-Smith, Stephen Moore, Louise Terry (2026). Profiling visual health of young adults in Ghana: a university-based eye screening survey. *Data in Brief*. <https://doi.org/10.1016/j.dib.2026.113202>
2. Michael Ntodie, Bridget E Benyi, Ahmed Jibril, Osbert D Antwi, Bright A Oduro, Enyam KA Morny, Augustine N Nti (2025). A survey of prescribing philosophy in childhood hyperopia among optometrists in

Ghana. *Clinical and Experimental Optometry*. <https://doi.org/10.1080/08164622.2024.2447465>

3. Charles Darko-Takyi, Thomas Welbeck Mills, Samuel Bert Boadi-Kusi, **Michael Ntodie**, Carl Halladay Abraham, Emmanuel Kwasi Abu, Sedina Amewuzah, Emmanuel Essien, Bright Osei Wiafe, Stephen Ocansey (2025). Association between near visual display device usage and the eye's accommodation and vergence parameters: a cross-sectional study of high school children in Cape Coast, Ghana. *BMJ Public Health*. <https://doi.org/10.1136/bmjph-2025-003041>
4. **Michael Ntodie**, Enoch Eduaful, Carl H. Abraham, Osbert D. Antwi, Khathutshelo P. Mashige (2025). Baseline pupil size predicts dilation rate with 1% tropicamide in a young African population. *African vision and eye health*. <https://doi.org/10.4102/aveh.v84i1.1002>
5. Charles Darko-Takyi, Sandra Owusu, Emmanuel K. Abu, Carl H. Abraham, **Michael Ntodie**, Ebenezer Manu, Kumi O. Boakye, Victoria Yirrah, Emmanuel Essien, Kwame O. Osei, Stephen Ocansey (2025). Exploring reduction of prolonged binocular vision testing time: the agreement between the first and second thirty seconds within one minute of accommodative and vergence facility tests. *Strabismus*. <https://doi.org/10.1080/09273972.2024.2449178>
6. Charles Darko-Takyi, Selasie A. Ahlijah, Emmanuel K. Abu, **Michael Ntodie**, Carl H. Abraham, Franklin L. Otoo, Stephen Ocansey (2025). Exploring the association between asthenopia, vergence measures and the interpupillary distance. *African vision and eye health*. <https://doi.org/10.4102/aveh.v84i1.1054>
7. **Michael Ntodie**, Dennis Quarshie, Prince Mordi, Kwame Osei Okyere, Samuel Abokyi, Augustine N. Nti (2025). Impact of uncorrected refractive errors on eye-related quality of life and functional vision in a cohort of African children. *Ophthalmic and Physiological Optics*. <https://doi.org/10.1111/opo.13529>
8. **Michael Ntodie**, Carl H Abraham (2024). African Vision and Eye Health. *Liver*. <https://doi.org/10.4102/aveh>
9. SAMUEL BERT BOADI-KUSI OD, Dominic Kwarteng, **Michael Ntodie**, Patience Ayerakwah, Samuel Bert Boadi-Kusi, Khathutshelo Percy Mashige, Alex Ilechie (2024). Early assessment of vision-related quality of life predicts long-term spectacle-wear compliance. *Discover Public Health*. <https://doi.org/10.1186/s12982-024-00307-6>
10. Samuel Abokyi, **M Ntodie** (2024). Influence of psychological stress on intraocular pressure fluctuation in normal and glaucomatous eyes in young adults. *Investigative Ophthalmology & Visual Science*. <https://iovs.arvojournals.org/article.aspx?articleid=2799019>
11. Samuel Abokyi, Prince Mordi, **Michael Ntodie**, Benedict Ayobi, Emmanuel Kwasi Abu (2024). Intraocular Pressure Response to Perceived Stress in Juvenile-Onset Open Angle Glaucoma. *Journal of Glaucoma*. <https://doi.org/10.1097/ijg.0000000000002478>
12. **Michael Ntodie**, Kathryn Saunders, Julie-Anne Little (2023). Accuracy and stability of accommodation and vergence responses during sustained near tasks in uncorrected hyperopes. *Scientific Reports*. <https://doi.org/10.1038/s41598-023-41244-9>
13. Emmanuel Kwasi Abu, Carl Halladay Abraham, Albert Kofi Dadzie, Enyam Amewuho Morny, **Michael Ntodie**, Stephen Ocansey, Samuel Abokyi, Andrew Owusu-Ansah, Naa Adjeley Addo, Michael Williams, Asantewaa Aboagye-McCarthy, Godfred Sakyi-Badu, Paa Kwesi Fynn Hope, Peter Osei-Wusu Adueming (2023). Central contrast sensitivity perimetry discriminates between glaucomatous and non-glaucomatous eyes. *Therapeutic Advances in Ophthalmology*. <https://doi.org/10.1177/25158414231208284>
14. Carl Halladay Abraham, Enyam Morny, Asantewaa Aboagye-MacCarthy, Stephen Ocansey, **Michael Ntodie**, Godfred Sakyi-Badu, Albert Kofi Dadzie, Naa Adjeley Addo, Selina Holdbrook, Emmanuel Kwasi Abu (2023). The effect of filters and varying illumination on contrast sensitivity in eyes with moderate to severe visual impairment. *International Ophthalmology*. <https://doi.org/10.1007/s10792-023-02738-7>
15. Alex Ilechie, Thomas Mensah, Carl Halladay Abraham, Naa Adjeley Addo, **Michael Ntodie**, Stephen Ocansey, Samuel Bert Boadi-Kusi, Andrew Owusu-Ansah, Ngozi Ezinne (2022). Assessment of four validated questionnaires for screening of dry eye disease in an African cohort. *PubMed*. <https://doi.org/10.1016/j.clae.2021.101468>
16. Emmanuel K Abu, Ebenezer O Antiri, Stephen Ocansey, **Michael Ntodie**, Samuel Abokyi, Carl Halladay

- Abraham (2022). Associations between personality traits and adherence to treatment in patients with primary open-angle glaucoma in an African population. *Clinical and Experimental Optometry*. <https://doi.org/10.1080/08164622.2022.2075253>
17. Eugene B. Enimah, Urvashni Nirghin, Samuel B. Boadi-Kusi, Micheal Ntodie (2022). Determinants of traditional eye practices amongst rural dwellers in the Asikuma Odoben Brakwa District, Ghana. *African vision and eye health*. <https://doi.org/10.4102/aveh.v81i1.678>
 18. Michael Ntodie, Eugene B Enimah, Yaw O Akoto, Joseph N Yennu, Samuel Abokyi, Emmanuel K Abu (2021). Application and repeatability of ocular biometric measures for gaze position calibration in children. *Ophthalmic and Physiological Optics*. <https://doi.org/10.1111/opo.12866>
 19. SAMUEL BERT BOADI-KUSI OD, Samuel Kyei, Stephen Ocansey, Michael Ntodie, Dziffa-Bella Ofori-Agyei, Khathutshelo Percy Mashige (2021). Assessment of infection prevention and control measures adopted by eye care practitioners in Ghana and South Africa against COVID-19. *Scientific African*. <https://doi.org/10.1016/j.sciaf.2021.e00766>
 20. Alex Azuka Ilechie, Douglas Danquah, Michael Ntodie, Ebenezer Andoh, Naa Adjeley Addo, Daniel Odoi, Felix Otobil, Frank Assiamah (2021). Contact Lens- and Patient-related Factors Associated with Contact Lens Discomfort among Contact Lens Wearers in an African Cohort. *Optometry and Vision Science*. <https://doi.org/10.1097/oxp.0000000000001765>
 21. Samuel Abokyi, Sekyere Nyamaah Mensah, Heinz Otchere, Yaw Osei Akoto, Michael Ntodie (2021). Differential effect of maximal incremental treadmill exercise on tear secretion and tear film stability in athletes and non-athletes. *Experimental Eye Research*. <https://doi.org/10.1016/j.exer.2021.108865>
 22. Emmanuel K Abu, Stephen Ocansey, Jennifer A Gyamfi, Michael Ntodie, Enyam KA Morny (2020). Epidemiology and visual outcomes of ocular injuries in a low resource country. *African Health Sciences*. <https://doi.org/10.4314/ahs.v20i2.31>
 23. Michael Ntodie (2019). Comparison of three gaze-position calibration techniques in first Purkinje image-based eye trackers. *Optometry and Vision Science*. <https://doi.org/10.1097/oxp.0000000000001405>
 24. C Darko-Takyi, M Ntodie, S Abokyi, S Kyei (2018). Accommodative anomalies in symptomatic school children in Cape Coast Metropolis, Ghana. *Journal of the Nigerian Optometric Association*. <https://www.ajol.info/index.php/jnoa/article/view/173691>
 25. Michael Ntodie (2018). What happens to the accommodative response after sustained near tasks in young uncorrected hyperopes? *Investigative Ophthalmology & Visual Science*. <https://iovs.arvojournals.org/article.aspx?articleid=2690930>
 26. Michael Ntodie, Sampson L. Abu, Samuel Kyei, Samuel Abokyi, Emmanuel K. Abu (2017). Near vision spectacle coverage and barriers to near vision correction among adults in the Cape Coast Metropolis of Ghana. *African Health Sciences*. <https://doi.org/10.4314/ahs.v17i2.31>
 27. Agnes Awuah, Kofi Asiedu, Madison Adanusa, Michael Ntodie, Ebo Acquah, Samuel Kyei (2015). A case of leukemic retinopathy mimicking common ischemic retinopathies. *Clinical Case Reports*. <https://doi.org/10.1002/ccr3.457>
 28. Samuel Bert Boadi-kusi, Michael Ntodie, Khathutshelo Percy Mashige, Andrew Owusu-ansah, Kwaku Antwi osei (2015). A cross-sectional survey of optometrists and optometric practices in Ghana. *Clinical and Experimental Optometry*. <https://doi.org/10.1111/cxo.12291>
 29. Samuel Abokyi, Alex Ilechie, Kwansema Adadzewa Asaam, Michael Ntodie (2015). Fasting Plasma Sugar: A Predictor of Accommodative Function in Diabetes. *Current Eye Research*. <https://doi.org/10.3109/02713683.2015.1056803>
 30. EK Abu, JN Boampong, R Afoakwah, Elvis Ofori Ameyaw, M Ntodie (2015). Visual outcome in ocular toxoplasmosis: A case series of 30 patients from Ghana. *J Clin Exp Ophthalmol*. https://www.researchgate.net/profile/Emmanuel-Abu-2/publication/283047189_Visual_Outcome_in_Ocular_Toxoplasmosis_A_Case_Series_of_30_Patients_from_Ghana/links/5627788b08ae2ebf92275625/Visual-Outcome-in-Ocular-Toxoplasmosis-A-Case-Series-of-30-Patients-from-Ghana.pdf
 31. Michael Ntodie, Lisa Danquah, Himal Kandel, Samuel Abokyi (2014). Toward eliminating blindness due to

uncorrected refractive errors: assessment of refractive services in the northern and central regions of Ghana. *Clinical and Experimental Optometry*. <https://doi.org/10.1111/cxo.12195>

32. Kwaku Antwi Osei, Godwin Ovenseri-Ogbomo, Samuel Kyei, Michael Ntodie (2013). The Effect of Caffeine on Tear Secretion. *Optometry and Vision Science*. <https://doi.org/10.1097/OPX.000000000000129>
33. S Abokyi, M Ntodie, S Kyei (2012). Epidemiological profile and pharmacological management of allergic conjunctivitis: A study in Ghana. *Int J Pharm Biomed Res*. https://www.academia.edu/download/71018094/Epidemiological_profile_and_pharmacologi20211002-20467-1127m37.pdf
34. S Abokyi, M Ntodie, S Kyei (2012). International Journal of PHARMACEUTICAL AND BIOMEDICAL. *Int J Pharm*. <https://ir.ucc.edu.gh/server/api/core/bitstreams/f7fea13b-cfd9-4381-842d-a6354009b26c/content>