# Michael Ntodie

Senior Lecturer · Optometry
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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, Sedinam 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 Otabil, 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/opx.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/opx.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**, I Ayi (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.0000000000000129

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