Dr. Nkechi Oluwakemi Dike

Lecturer · Anatomy
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RESEARCH

Interests: Simulation-based Medical Education · Emergency Medicine · Medical Education · Clinical Anatomy

Areas: Physiology · Public Health, Environmental and Occupational Health · Emergency Medicine · Anesthesiology and Pain Medicine · Clinical Psychology · Critical Care and Intensive Care Medicine

RESEARCH SUMMARY

15	37	4	1	1.54	18%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 15 publications listed below, 2017–2026. Field-weighted impact is the mean over the 11 works scored for it; 1.00 is the world average for works of the same field, type and year. 2 of the 11 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer
School of Medical Sciences, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Education Fellow -Emergency Medicine
Mayo Clinic, Jacksonville, United States

PUBLICATIONS

Journal articles 15

1. **Nkechi O Dike**, Priscilla Okyere, Jonathan Kajjimu, Emmanuel K Achampong (2026). Enhancing Emergency Trauma Management Skills Through Simulation: A Quality Improvement Initiative in Ghana. *Cureus*. https://doi.org/10.7759/cureus.105156
2. **Nkechi O Dike**, Jonathan Kajjimu, Nana Serwaa A Quao, Sonia Cobbold, Solomon N Kotey (2026). Evaluation of the Emergency Care Preparedness of Frontline Junior Doctors: A Training Needs Assessment in Ghana. *Cureus*. https://doi.org/10.7759/cureus.107158
3. **Nkechi Dike** (2026). From advocacy to integration: a systems-based roadmap for sustainable simulation-based medical education in resource-constrained settings. *Canadian Medical Education Journal*. https://doi.org/10.36834/c64gsy46
4. **Nkechi Oluwakemi Dike** (2026). Teaching Procedural Skills: A Structured, Evidence-Informed Framework for Clinician-Educators Across Resource Settings. *Journal of Medical Education and Curricular Development*. https://doi.org/10.1177/23821205261474074
5. **Nkechi Dike**, Jonathan Kajjimu, Maame-Boatemaa Amissah-Arthur (2026). Training without Harm: Rethinking Ethics, Simulation and the Evolving Future of Medical Education in West Africa. *Advances in Medical Education and Practice*. https://doi.org/10.2147/amep.s575929
6. **Nkechi Dike**, Emmanuel Blankson, Sarah Segnitome (2025). Henna-Induced Intravascular Hemolysis in a

Glucose-6-Phosphate Dehydrogenase-Deficient Ghanaian Female Child with Full Defect. *International Medical Case Reports Journal*. https://doi.org/10.2147/imcrj.s534544

7. Nancy Innocentia Ebu Enyan, Christian Makafui Boso, Anastasia Adomah Ofori, Dorcas Frempomaa Agyare, Irene Korkoi Aboh, **Nkechi Oluwakemi Dike**, Douglas Darko Agyei, Dorcas Obiri-Yeboah (2022). Clinical preceptorship in Ghana in the era of COVID-19 pandemic: an interventional study. *BMC Nursing*. https://doi.org/10.1186/s12912-022-00838-w
8. **N Dike** (2021). Cardiac arrest survival post-electrocution–management in a low-resource emergency department in ghana: A case series. Biom Case Rep Open A Open J. 2021; 2 (2): 69-73. doi: 10 .... *Disasters*.
9. **Nkechi O. Dike** (2021). Expanding emergency medicine in medical education in Ghana. *Africa Health Journal*. https://doi.org/10.5555/20210081012
10. Ann E. Kaminski, Zhuo Li, **Nkechi O. Dike**, Alexei Gonzalez-Estrada, Leslie V. Simon (2021). Self vs partnered epinephrine autoinjector training, performance differences in an anaphylaxis simulation. *Annals of Allergy Asthma & Immunology*. https://doi.org/10.1016/j.anai.2020.12.011
11. Ann Kaminski, **Nkechi O Dike**, Kerry Bachista, Michael Boniface, Conrad Dove, Leslie V Simon (2020). Differences Between Esophageal and Tracheal Intubation Ultrasound View Proficiency: An Educational Study of Novice Prehospital Providers. *Cureus*. https://doi.org/10.7759/cureus.8686
12. **Nkechi Dike** (2020). Multistation simulations and deliberate practice to reinforce huddle behaviors in interprofessional student teams. *Clinical Simulation in Nursing*. https://www.sciencedirect.com/science/article/pii/S1876139919302105
13. Solomon N Kotey, **Nkechi O Dike**, Edem Nani, Kwaku Nyame (2020). Spontaneous Epidural and Corpus Callosum Hemorrhage in Sickle Cell Disease – An Unusual Presentation in a Ghanaian Patient. *Cureus*. https://doi.org/10.7759/cureus.12292
14. **Nkechi O Dike** (2017). Knowledge, Attitude and Practices of Tuberculosis (TB) Management Among Health Workers at the Emergency Department (ED) of Komfo Anokye Teaching Hospital (KATH), in a Low .... *Prehospital and Disaster Medicine*. https://www.cambridge.org/core/journals/prehospital-and-disaster-medicine/article/knowledge-attitude-and-practices-of-tuberculosis-tb-management-among-health-workers-at-the-emergency-department-ed-of-komfo-anokye-teaching-hospital-kath-in-a-low-emergency-resource-setting-in-west-africa/0BC570002B69D203324D64D35949BDC8
15. **Nkechi O. Dike**, Eszter Momade, Solomon N.K. Kotey (2017). Medical Simulation as an Educational Tool: The Bridge Between the What-To and How-To. *Prehospital and Disaster Medicine*. https://doi.org/10.1017/s1049023x17002539