Joseph Arkorful

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RESEARCH

Interests	Obstetrics & Gynecology ultrasound · Ultrasound Doppler in hypertensive disorders · Pre-eclampsia · AI in Imaging
Areas	Pediatrics, Perinatology and Child Health · Surgery · Public Health, Environmental and Occupational Health · Obstetrics and Gynecology · Cardiology and Cardiovascular Medicine · Cellular and Molecular Neuroscience

RESEARCH SUMMARY

14	44	3	2	0.55	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 14 publications listed below, 2021–2026. Field-weighted impact is the mean over the 14 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 14 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

PhD Candidate 2024–present
Obstetrics, Division Woman and Baby, Wilhelmina Children Hospital, University Medical Center Utrecht, Utrecht, Netherlands

Assistant Lecturer 2021–present
Imaging Technology & Sonography, University of Cape Coast, Cape Coast, Ghana

Part time lecturer 2020–2021
Medical Imaging and Sonography, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Msc Medical Ultrasound 2017–2020
College of Health and Social Care, University of Derby, Derby, United Kingdom

Bsc Sonography 2009–2013
Medical Diagnostics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Full membership. ID: 182765 2014–present
American Registry for Diagnostic Medical Sonography, Rockville, United States

International Society of Ultrasound in Obstetrics and Gynecology
London, United Kingdom

PUBLICATIONS

Journal articles 14

1. **Joseph Arkorful**, Juliana Nyamson, Theophilus Adu-Bredu, Kwame Adu-Bonsaffoh, Joyce Browne, Albert D. Piersson, Kitty Bloemenkamp (2026). Association Between Lateral Placenta and Adverse Maternal and Perinatal Outcomes: A Systematic Review and Meta-Analysis. *BJOG An International Journal of Obstetrics & Gynaecology*. https://doi.org/10.1111/1471-0528.70278
2. Albert Dayor Piersson, Philomena Ajanaba Asakeboba, Sarah Teiko Quartei, Rachel Mendy, **Joseph Arkorful**, Ama Boahene Akomah, Gilbertson Allorsey (2026). Exploring midwives' practice patterns and capacity for obstetric ultrasound imaging: Towards a multicentre longitudinal materno-foetal research readiness in a low-resource setting. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0330235
3. Emmanuel Dusuri, **Joseph Arkorful**, Bright Adu Gyamfi, Cathy Gyamfua Asante Larbi, Ofosu Atta Amaning, Benedict Apaw Agyei (2026). Gestational choriocarcinoma following an ectopic pregnancy: A diagnostic dilemma in low-resource settings. *Radiology Case Reports*. https://doi.org/10.1016/j.radcr.2026.06.156
4. **J. Arkorful**, P. Okyere, S.T. Osabutey, G. Arthur, G. Nunoo (2026). Prevalence and determinants of anxiety among patients undergoing MRI: Insights from a low-resource setting. *Radiography*. https://doi.org/10.1016/j.radi.2026.103441
5. Emmanuel Dusuri, Cathy Gyamfua Asante, Bright Adu Gyamfi, Edward Tawiah Nartey, Ofosu Atta Amaning, **Joseph Arkorful** (2025). Complete pentalogy of Cantrell associated with ectopia cordis and multiple anomalies: A case report from a low-resource setting. *Radiology Case Reports*. https://doi.org/10.1016/j.radcr.2025.01.037
6. **Joseph Arkorful**, Joyce Linda Browne, Kwame Adu-Bonsaffoh, Sam Ali, Emmanuel Srofenyoh, Kitty M W Bloemenkamp (2025). Predictive accuracy of ophthalmic artery Doppler for pre-eclampsia: a systematic review. *BMJ Open*. https://doi.org/10.1136/bmjopen-2024-094348
7. Emmanuel Fiagbedzi, **Joseph Arkorful**, Isaac Frimpong Brobbey, Emmanuel Appiah, Savanna Nyarko, Nicholas Otumi, Albert Dayor Piersson, Obed Nimo, Ishmael Nii Ofori, Philip Narteh Gorleku (2024). A case of ruptured infrapatellar bursa sac with Baker's cyst. *Radiology Case Reports*. https://doi.org/10.1016/j.radcr.2024.10.058
8. **Joseph Arkorful**, Emmanuel Fredua Agyeman, Richmond Ashitey Nmai, Albert Dayor Piersson (2024). A rare case of dicephalic parapagus conjoined twins diagnosed in the third trimester. *Radiology Case Reports*. https://doi.org/10.1016/j.radcr.2024.10.124
9. Emmanuel Fiagbedzi, **Joseph Arkorful**, Emmanuel Appiah, Nicholas Otumi, Ishmael Ofori, Philip Nii Gorleku (2024). A rare case of intusscusception in a 6-month-old baby. *Radiology Case Reports*. https://doi.org/10.1016/j.radcr.2024.06.080
10. **Joseph Arkorful**, Samuel Ackom, Emmanuel Fiagbedzi, Eric Obour, Juliana Nyamson, Ishmael Nii Ofori (2024). Antenatally diagnosed myelomeningocele with associated chiari ii malformation in the third trimester. A case report. *Radiology Case Reports*. https://doi.org/10.1016/j.radcr.2024.09.045
11. Theophilus K. Adu-Bredu, Rozi Aditya Aryananda, **Joseph Arkorful**, Sam Matthewlynn, Sally L. Collins (2024). Differentiating placenta accreta spectrum from scar dehiscence with underlying, non-adherent placenta: A systematic review of scoring systems and primary data analysis. *Acta Obstetricia Et Gynecologica Scandinavica*. https://doi.org/10.1111/aogs.14886
12. **Joseph Arkorful**, Theophilus Kofi Adu – Bredu, Obed Otoo (2022). Detection of Cavernous Transformation of the Portal Vein in a 22-year-old Male with Upper Gastrointestinal Bleeding by Abdominal Duplex Ultrasonography: A Case Report. *Ultrasound*. https://doi.org/10.1177/1742271x221098186
13. O.O. Nyarko, N.K. Ayisi-Boateng, L.K. Blay, **J. Arkorful**, P. Konadu (2022). Morel-Lavallée Lesion on the Left Calf of a Young Ghanaian Female – A Case Report. *Postgraduate Medical Journal of Ghana*. https://doi.org/10.60014/pmjg.v11i1.281

14. Theophilus Kofi Adu-Bredu, **Joseph Arkorful**, Kwame Appiah-Denkyira, Yaw Amo Wiafe (2021). Diagnostic value of the sonographic whirlpool sign in the diagnosis of ovarian torsion: A systematic review and meta-analysis. *Journal of Clinical Ultrasound*. https://doi.org/10.1002/jcu.23021