

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 Obstetrics, Division Woman and Baby, Wilhelmina Children Hospital, University Medical Center Utrecht, Utrecht, Netherlands	2024–present
Assistant Lecturer Imaging Technology & Sonography, University of Cape Coast, Cape Coast, Ghana	2021–present
Part time lecturer Medical Imaging and Sonography, University of Cape Coast, Cape Coast, Ghana	2020–2021

EDUCATION AND QUALIFICATIONS

Msc Medical Ultrasound College of Health and Social Care, University of Derby, Derby, United Kingdom	2017–2020
Bsc Sonography Medical Diagnostics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana	2009–2013

DISTINCTIONS, MEMBERSHIPS AND SERVICE

Full membership. ID: 182765 American Registry for Diagnostic Medical Sonography, Rockville, United States	2014–present
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 intussusception 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 Obstetrica 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/pmjpg.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>