Prof. Yaw Amo Wiafe

Department of Medical Diagnostics
Kwame Nkrumah University of Science and Technology

ORCID 0000-0002-0944-0577 · Google Scholar scholar.google.com/citations?user=uIYxW5oAAAAJ&hl=en · Profile knust.peerford.com/staff/7cdb845d-7035-4835-b04d-46d8fbda3070

RESEARCH

Interests	Ultrasonography · Medical Ultrasound · Elastography · Echocardiography · Diagnostic Imaging
Areas	Obstetrics and Gynecology · Cardiology and Cardiovascular Medicine · Pediatrics, Perinatology and Child Health · Pulmonary and Respiratory Medicine · Radiology, Nuclear Medicine and Imaging · Epidemiology

RESEARCH SUMMARY

66	442	12	15	1.12	11%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 66 publications listed below, 1930–2026. Field-weighted impact is the mean over the 57 works scored for it; 1.00 is the world average for works of the same field, type and year. 6 of the 57 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2012–present
Medical Diagnostics, Kwame Nkrumah University of Science and Technology College of Health Sciences, Kumasi, Ghana

PUBLICATIONS

Journal articles 62

1. Benedict Apaw Agyei, Ijeoma Chinedum Anyitey-Kokor, Andrew Donkor, Fred Stephen Sarfo, **Yaw Amo Wiafe** (2026). Carotid Intima-Media Thickness (CIMT) and Visceral Adiposity as a Benchmark for Cardiovascular Profile in Rural Versus Urban African Children and Adolescents. *Journal of Vascular Diseases*. https://doi.org/10.3390/jvd5030024
2. R. A. Nmai, **Y. A. Wiafe**, A. Donkor, I. C. Anyitey-Kokor, T. K. Adu-Bredu, S. O. Antwi, L. R. Roberts (2026). Diagnostic accuracy of Doppler Sonography of hepatic blood vessels in the detection of significant liver fibrosis: a systematic review and meta-analysis. *Journal of Ultrasound*. https://doi.org/10.1007/s40477-026-01121-3
3. A.N.A. Adjei, A. Donkor, I.C. Anyitey-Kokor, E.K. Ameyaw, W.K. Antwi, **Y.A. Wiafe**, E. Hyde (2026). Facilitators and barriers to person-centred diagnostic imaging care in low- and middle-income countries: A qualitative study. *Radiography*. https://doi.org/10.1016/j.radi.2026.103338
4. Evans Ohemeng, Andrew Donkor, Ijeoma Chinedum Anyitey-Kokor, Obed Kojo Otoo, Theophilus N. Akudjedu, William Kwadwo Antwi, **Yaw Amo Wiafe** (2026). Iodinated Contrast Media Dose Protocols for Computed Tomography Investigations of the Abdomen: A Systematic Review and Meta-Analysis. *Journal of Imaging*. https://doi.org/10.3390/jimaging12070301
5. Eric Ofori, Ijeoma C Anyitey-Kokor, Andrew Donkor, Prince N Adotey, **Yaw A Wiafe** (2026). Sex-Specific Doppler Patterns of the Umbilical Artery, Middle Cerebral Artery, and Descending Abdominal Aorta in an African Pregnancy Cohort. *Cureus*. https://doi.org/10.7759/cureus.110982
6. **Yaw Amo Wiafe**, Collins Kokuro, Gordon Manu Amponsah, Prince Nyansah Adotey, Eugene Osei Amaniampong Buadee, Isaac Kofi Owusu (2026). The Effect of Physical Activity on Heart Structure and

Function in African University Students: A Comparative Cross-Sectional Study. *Hearts*. https://doi.org/10.3390/hearts7020019

7. Fairuuj Mahama, George Asafu Adjaye Frimpong, Ijeoma Chinedum Anyitey-Kokor, Andrew Donkor, Benedict Apaw Agyei, Vera Serwaah Opoku, **Yaw Amo Wiafe** (2026). The diagnostic value of ultrasound elastography in differentiating idiopathic granulomatous mastitis from breast cancer: A systematic review and a meta-analysis. *WFUMB Ultrasound Open*. https://doi.org/10.1016/j.wfumbo.2026.100116
8. Philip Eghan, Aba A. Folson, Andrew Donkor, Collins Kokuro, Emmanuel Koranteng Gyimah, **Yaw Amo Wiafe** (2026). Ultrasound findings on a correlation between placental function and maternal cardiac function during preeclampsia. *WFUMB Ultrasound Open*. https://doi.org/10.1016/j.wfumbo.2026.100107
9. **Yaw Amo Wiafe**, Prince Nyansah Adotey, Keren Kwegyan, Benedict Apaw Agyei, Ijeoma C. Anyitey-Kokor, Charles Mawunyo Senaya, Andrew Donkor (2026). Uterine Artery Doppler Resistance before and during Pregnancy: Insights from an African Population. *Annals of African Medicine*. https://doi.org/10.4103/aam.aam_875_25
10. Collins Kokuro, **Y Wiafe**, M Amponsah (2025). AI-enabled digital auscultation for detecting heart failure with reduced ejection fraction in sub-Saharan Africa: The DAMSUN-HF study. *Circulation*. https://scholar.google.com/scholar?cluster=8763248068888126539&hl=en&oi=scholarr
11. Godwill Acquah, Ijeoma Chinedum Anyitey-Kokor, Andrew Donkor, **Yaw Amo Wiafe**, Benard Ohene-Botwe, Michael J. Neep, Patrick C. Brennan (2025). Accuracy of junior doctor plain trauma X-ray interpretation: a systematic review and meta-analysis. *BMC Medical Imaging*. https://doi.org/10.1186/s12880-025-02114-0
12. Alexis K. Okoh, Lambert T. Appiah, Lambert T. Appiah, **Yaw A. Wiafe**, Michael K. Amponsah, Setri S. Fugar, Ebru Ozturk, Yaw Adu-Boakye, Isaac Kofi Owusu, Bernard Cudjoe Nkum, Bert-Jan van den Born, Charles Agyemang, Amit J. Shah, Modele O. Ogunniyi (2025). Artificial Intelligence–Enabled Digital Auscultation for Detecting Heart Failure With Reduced Ejection Fraction in Sub-Saharan Africa: The DAMSUN-HF Study. *Circulation*. https://doi.org/10.1161/circulationaha.125.078246
13. Eunice Amankona, Andrew Donkor, Benedict Apaw Agyei, Ijeoma Anyitey-Kokor, Alexander Tawiah Odoi, **Yaw Amo Wiafe** (2025). Effectiveness of prenatal ultrasound in fetal sex identification: a systematic review and meta-analysis. *Journal of Ultrasound*. https://doi.org/10.1007/s40477-024-00977-7
14. A. Donkor, E. Boakye, P. Atuanor, **Y.A. Wiafe** (2025). Evaluation of a classroom-based medical imaging artificial intelligence educational intervention in Ghana: A pre-test/post-test study design. *Radiography*. https://doi.org/10.1016/j.radi.2025.102987
15. Godwill Acquah, Ijeoma Chinedum Anyitey-Kokor, Andrew Donkor, **Yaw Amo Wiafe**, Benard Ohene-Botwe, Michael J. Neep, Ibrahim Alhassan, Patrick C. Brennan (2025). Factors associated with junior doctor plain trauma X-ray interpretation accuracy and strategies for improvement: a scoping review. *BMC Medical Imaging*. https://doi.org/10.1186/s12880-025-02122-0
16. Ruben Ramirez Zegarra, Francesco Conversano, Andrea Dall'Asta, Maria Giovanna Di Trani, Stefania Fieni, Rocco Morello, Chiara Melito, Paola Pisani, Enrico Iurlaro, Marta Tondo, … **Yaw Amo Wiafe** and 24 others (2024). A deep learning approach to identify the fetal head position using transperineal ultrasound during labor. *European Journal of Obstetrics & Gynecology and Reproductive Biology*. https://doi.org/10.1016/j.ejogrb.2024.08.012
17. A Donkor, ANA Adjei, **YA Wiafe** (2024). Achieving person-centred diagnostic imaging care in low-and middle-income countries: barriers and strategies. *Person-centred care in radiology*. https://doi.org/10.1201/9781003310143-5
18. A.N.A. Adjei, A. Donkor, **Y.A. Wiafe**, I.C. Anyitey-Kokor, E. Hyde (2024). Elements of person-centred diagnostic imaging care in low-and middle-income countries: A systematic review. *Radiography*. https://doi.org/10.1016/j.radi.2023.12.016
19. Doris Kitson-Mills, Andrew Donkor, Yaw Ampem Amoako, Kofi Adesi Kyei, Ernest Barwuah Osei Bonsu, Verna Vanderpuye, **Yaw Amo Wiafe** (2024). Outcomes and Toxicities After Treatment for Men Diagnosed With Localized Prostate Cancer in Low- and Middle-Income Countries: A Systematic Review and Meta-Analysis. *Advances in Radiation Oncology*. https://doi.org/10.1016/j.adro.2024.101670

20. **YA Wiafe**, BA Agyei, A Donkor (2024). Person-centred care in sonography. *Person-centred care in radiology*. https://doi.org/10.1201/9781003310143-24

21. A. Donkor, K. Owusu Nti, A. Appiah-Frempong, R.A. Gyekye, A.N.A. Adjei, E. Ohemeng, **Y.A. Wiafe** (2024). Prevalence and factors associated with workplace violence against diagnostic radiographers in Ghana: A nationwide cross-sectional study. *Radiography*. https://doi.org/10.1016/j.radi.2024.11.008

22. Philip Eghan, Aba A Folson, Andrew Donkor, Collins Kokuro, **Yaw Amo Wiafe** (2024). Relationship between hypertensive disorders of pregnancy (HDP) and cardiac remodeling during pregnancy: Systematic review and meta-analysis. *European Journal of Obstetrics & Gynecology and Reproductive Biology*. https://doi.org/10.1016/j.ejogrb.2024.05.003

23. Isaac Kofi Owusu, Gordon Manu Amponsah, **Yaw Amo Wiafe** (2024). Severe Pulmonary Hypertension From Combined Ventricular Septal Defect and Rheumatic MIitral Valve Disease: A Case Report and Literature Review. *Clinical Medicine Insights Case Reports*. https://doi.org/10.1177/11795476241231140

24. Benedict Apaw Agyei, **Yaw Amo Wiafe**, Andrew Donkor, Ijeoma Chinedum Anyitey-Kokor, Kataru Yahya, Fred Stephen Sarfo (2024). The association of blood pressure, body mass index and carotid intima-media thickness as childhood predictors of cardiovascular disease risk: A systematic review and meta-analysis. *Health Science Reports*. https://doi.org/10.1002/hsr2.70033

25. A. Donkor, I.C. Anyitey-Kokor, E. Osei Tutu, D. Bosomtwe, A.N.A. Adjei, **Y.A. Wiafe** (2024). Work-related back pain among diagnostic radiographers in Ghana: A qualitative study. *Radiography*. https://doi.org/10.1016/j.radi.2024.06.002

26. Enoch Odame Anto, Wina Ivy Ofori Boadu, Charity Hughes, Emmanuel Ekow Korsah, Joseph Frimpong, Ezekiel Ansah, Augustine Tawiah, Valentine Christian Kodzo Tsatsu Tamakloe, Emmanuel Acheampong, Evans Adu Asamoah, Stephen Opoku, Elizabeth Aboagye, Etwi-Mensah Albright, Eric Adua, Ebenezer Afrifa-Yamoah, Agartha Odame Anto, Max Efui Annani-Akollor, **Yaw Amo Wiafe**, Christian Obirikorang (2023). Angiogenic growth factors, oxidative stress and haematobiochemical measures as predictors of preeclampsia with and without foetal growth restriction: A case-control study in a Ghanaian population. *Placenta*. https://doi.org/10.1016/j.placenta.2023.12.007

27. Enoch Odame Anto, Wina Ivy Ofori Boadu, Otchere Addai-Mensah, **Yaw Amo Wiafe**, William KBA Owiredu, Christian Obirikorang, Max Efui Annani-Akollor, Eric Adua, Michael Appiah, Stephen Opoku, Emmanuel Acheampong, Evans Adu Asamoah, Eddie-Williams Owiredu, Agartha Odame Anto, Augustine Tawiah, Frank Ankobea, Ebenezer Afrifa Yamoah, David Antony Coall (2023). Association between micronutrients, oxidative stress biomarkers and angiogenic growth mediators in early and late-onset preeclamptic Ghanaian women. *SAGE Open Medicine*. https://doi.org/10.1177/20503121231175759

28. Ganiwu Abdul, William Osei-Wusu, Gordon Akuffo Asare, Samira Daud, Stephen Opoku, Valentine Christian Kodzo Tsatsu Tamakloe, Joseph Frimpong, Benedict Sackey, Wina Ivy Ofori Boadu, Vivian Paintsil, Max Efui Annani-Akollor, **Yaw Amo Wiafe**, Enoch Odame Anto, Otchere Addai-Mensah (2023). Biomarkers of oxidative stress and its nexus with haemoglobin variants and adverse foeto-maternal outcome among women with preeclampsia in a Ghanaian population: A multi-centre prospective study. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0283638

29. Selina Mintaah, Enoch Odame Anto, Wina Ivy Ofori Boadu, Benedict Sackey, Lilian Antwi Boateng, Ezekiel Ansah, Emmanuel Ekow Korsah, Joseph Frimpong, Valentine Christian Kodzo Tsatsu Tamakloe, Peter Kuugemah Selleh, … **Yaw Amo Wiafe** and 11 others (2023). Coagulation Factors and Natural Anticoagulants as Surrogate Markers of Preeclampsia and Its Subtypes: A Case–Control Study in a Ghanaian Population. *Clinical and Applied Thrombosis/Hemostasis*. https://doi.org/10.1177/10760296231204604

30. **Yaw A Wiafe**, Ijeoma C Anyitey-Kokor, Richmond A Nmai, Mary Afihene, Lewis R Roberts (2023). Diagnostic Performance of Greyscale Ultrasound in Detecting Fatty Liver Disease in a Type 2 Diabetes Population Using FibroScan as the Reference Standard. *Cureus*. https://doi.org/10.7759/cureus.40756

31. **Yaw Amo Wiafe**, Emmanuel Acheamfour-Akowuah, Isaac Kofi Owusu (2023). Indications for Echocardiography and Confirmation Rates of Cardiovascular Diseases: Experience of a Specialist Cardiac Outpatient Clinic in Kumasi, Ghana. *Annals of African Medicine*. https://doi.org/10.4103/aam.aam_151_22

32. Yaw Adu-Boakye, Gordon Manu Amponsah, Henry Kofi Andoh, Kwadwo Faka Gyan, **Yaw Amo Wiafe** (2023). Lutembacher syndrome in a middle-aged woman in Ghana with an extremely large atrial septal defect. *Clinical Case Reports*. https://doi.org/10.1002/ccr3.6939

33. **Yaw Amo Wiafe**, Mary Yeboah Afihene, Enoch Odame Anto, Richmond Ashitey Nmai, Lois Amoah-Kumi, Joseph Frimpong, Francis D. Dickson, Samuel O. Antwi, Lewis R. Roberts (2023). Non-Alcoholic Fatty Liver Disease and Liver Fibrosis in Persons with Type 2 Diabetes Mellitus in Ghana: A Study of Prevalence, Severity, and Contributing Factors Using Transient Elastography. *Journal of Clinical Medicine*. https://doi.org/10.3390/jcm12113741

34. **Yaw Amo Wiafe**, Gordon Manu Amponsah, George Asafu Adjaye Frimpong, Isaac Kofi Owusu (2023). Progressive Memory Decline in a Patient With Atrial Septal Defect: Case Report and Literature Review. *Clinical Medicine Insights Case Reports*. https://doi.org/10.1177/11795476231176713

35. Peter K. Selleh, Enoch O. Anto, Wina I. O. Boadu, Benedict Sackey, Lilian A. Boateng, Charles Nkansah, Frederick Nsafoah, Abdul R. Saasi, Selina Mintaah, **Yaw A. Wiafe**, Charles Derigubah, Emmanuel E. Korsah, Joseph Frimpong, Ezekiel Ansah, Valentine C. K. T. Tamakloe, Patrick Adu, Joseph Boachie, Otchere Addai-Mensah (2023). Quality of glycemic control in type 2 diabetes mellitus (T2DM) and its association with markers of coagulation and inhibitors of fibrinolysis: A case–control study in the Upper West Region, Ghana. *Health Science Reports*. https://doi.org/10.1002/hsr2.1297

36. Isaac Kofi Owusu, Emmanuel Acheamfour-Akowuah, Lois Amoah-Kumi, **Yaw Amo Wiafe**, Stephen Opoku, Enoch Odame Anto (2023). The correlation between obesity and other cardiovascular disease risk factors among adult patients attending a specialist clinic in Kumasi. Ghana. *AIMS Medical Science*. https://doi.org/10.3934/medsci.2023003

37. Isaac Kofi Owusu, **Yaw Amo Wiafe**, Stephen Opoku, Enoch Odame Anto, Emmanuel Acheamfour-Akowuah (2022). Cardiac Abnormalities of People Living with HIV: A Comparative Study Between HAART Experience and Treatment Naïve Groups in Ghana. *International Journal of General Medicine*. https://doi.org/10.2147/ijgm.s366688

38. Isaac Kofi Owusu, Emmanuel Acheamfour-Akowuah, **Yaw Amo Wiafe** (2022). Clinical and Socio-Demographic Profiles of Patients Seen with Rheumatic Heart Disease in a Cardiac Clinic of a Tertiary Hospital in Ghana. *Research Reports in Clinical Cardiology*. https://doi.org/10.2147/rrcc.s372472

39. Felix Osei-Boakye, Otchere Addai-Mensah, Michael Owusu, Abdul-Razak Saasi, Samuel Kwasi Appiah, Charles Nkansah, **Yaw Amo Wiafe**, Alexander Yaw Debrah (2022). Effect of pulmonary tuberculosis on natural anticoagulant activity in therapy-naïve Ghanaian adults; a case-control study. *Journal of Immunoassay and Immunochemistry*. https://doi.org/10.1080/15321819.2021.2001002

40. Felix Osei-Boakye, **Yaw Amo Wiafe**, Charles Nkansah, Dorcas Serwaa, Abdul-Razak Saasi, Abdul Ganiwu, Ruth Duku-Takyi, Patrick Adu, Charles A. Derigubah, Samuel K. Appiah, Kofi Mensah, Linda N. Antwi, Richard Vikpebah Duneeh, Otchere Addai-Mensah (2022). Haematological Profile in Pre-Surgery Hernia Patients: A Case-Control Study in Ghana. *SciMedicine Journal*. https://doi.org/10.28991/scimedj-2022-0401-1

41. **Yaw Amo Wiafe** (2022). Novel artificial intelligence approach for automatic differentiation of fetal occiput anterior and non-occiput anterior positions during labor. *Ultrasound in Obstetrics & Gynecology*. https://doi.org/10.1002/uog.23739

42. Enoch Odame Anto, David Antony Coall, Emmanuel Akomanin Asiamah, Osei-Owusu Afriyie, Otchere Addai-Mensah, **Yaw Amo Wiafe**, WKBA Owiredu, Christian Obirikorang, Max Efui Annani-Akollor, Nicholas Akinwale Titiloye, Eric Adua, Emmanuel Acheampong, Evans Asamoah Adu, Stephen Opoku, Agartha Odame Anto, Augustine Tawiah, Youxin Wang, Wei Wang (2022). Placental lesions and differential expression of pro-and anti-angiogenic growth mediators and oxidative DNA damage marker in placentae of Ghanaian suboptimal and optimal health status pregnant women who later developed preeclampsia. *PLoS ONE*. https://doi.org/10.1371/journal.pone.0265717

43. Alexander Yaw Debrah, **Y Amo Wiafe**, E Togbe (2022). Placental malaria and hypertensive disorders of pregnancy: A case-control study in a Teaching Hospital, Ghana. *Asian Journal of Pregnancy and Childbirth*. https://www.researchgate.net/profile/Kofi-Mensah-8/publication/366544084_Placental_Malaria_and_Hypertensive_Disorders_of_Pregnancy_A_Case-

Control_Study_in_a_Teaching_Hospital_Ghana/links/63a6388303aad5368e371250/Placental-Malaria-and-Hypertensive-Disorders-of-Pregnancy-A-Case-Control-Study-in-a-Teaching-Hospital-Ghana.pdf

44. Enoch Odame Anto, Wina Ivy Ofori Boadu, Stephen Opoku, Ebenezer Senu, Valentine Christian Kodzo Tsatsu Tamakloe, Augustine Tawiah, Frank Ankobea, Emmanuel Acheampong, Agartha Odame Anto, Michael Appiah, **Yaw Amo Wiafe**, Max Efui Annani-Akollor, Christian Obirikorang, Otchere Addai-Mensah (2022). Prevalence and Risk Factors of Preterm Birth Among Pregnant Women Admitted at the Labor Ward of the Komfo Anokye Teaching Hospital, Ghana. *Frontiers in Global Women s Health*. https://doi.org/10.3389/fgwh.2022.801092

45. Enoch Odame Anto, Joseph Frimpong, Wina Ivy Ofori Boadu, Valentine Christian Kodzo Tsatsu Tamakloe, Charity Hughes, Benjamin Acquah, Emmanuel Acheampong, Evans Adu Asamoah, Stephen Opoku, Michael Appiah, Augustine Tawiah, Max Efui Annani-Akollor, **Yaw Amo Wiafe**, Otchere Addai-Mensah, Christian Obirikorang (2022). Prevalence of Cardiometabolic Syndrome and its Association With Body Shape Index and A Body Roundness Index Among Type 2 Diabetes Mellitus Patients: A Hospital-Based Cross-Sectional Study in a Ghanaian Population. *Frontiers in Clinical Diabetes and Healthcare*. https://doi.org/10.3389/fcdhc.2021.807201

46. Isaac Kofi Owusu, **Yaw Amo Wiafe** (2021). Atrial Septal Aneurysm and Intermittent Atrio -Ventricular Block: A Case Report and Literature Review. *Frontiers in Medical Case Reports*. https://doi.org/10.47746/fmcr.2021.2107

47. 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

48. Enoch Odame Anto, David Antony Coall, Otchere Addai-Mensah, **Yaw Amo Wiafe**, William K. B. A. Owiredu, Christian Obirikorang, Max Efui Annani-Akollor, Eric Adua, Augustine Tawiah, Emmanuel Acheampong, Evans Adu Asamoah, Xueqing Wang, Stephen Opoku, Derick Kyei Boakye, Haifeng Hou, Youxin Wang, Wei Wang (2021). Early gestational profiling of oxidative stress and angiogenic growth mediators as predictive, preventive and personalised (3P) medical approach to identify suboptimal health pregnant mothers likely to develop preeclampsia. *The EPMA Journal*. https://doi.org/10.1007/s13167-021-00258-x

49. Augustine Tawiah, **YA Wiafe** (2021). Suboptimal Health Study Consortium (SHSC). *Early gestational profiling of oxidative stress and angiogenic growth mediators as predictive, preventive and personalised (3P) medical approach to identify suboptimal health pregnant mothers likely to develop preeclampsia. EPMA J*. https://scholar.google.com/scholar?cluster=8515957272385218 54&hl=en&oi=scholarr

50. Daniel Gyamfi, **Yaw Amo Wiafe**, Enoch Ofori Awuah, Evans Asamoah Adu, Emmanuel Kodie Boadi (2020). Goitre Prevalence and Urinary Iodine Concentration in School-Aged Children in the Ashanti Region of Ghana. *International Journal of Endocrinology*. https://doi.org/10.1155/2020/3759786

51. Heather Kilgour Venables, **Yaw Amo Wiafe**, Theophilus Kofi Adu-Bredu (2020). Value of Doppler ultrasound in early detection of diabetic kidney disease: A systematic review and meta-analysis. *Ultrasound*. https://doi.org/10.1177/1742271x20977051

52. **Yaw Amo Wiafe**, Bill Whitehead, Heather Venables, Edward T. Dassah (2019). Acceptability of intrapartum ultrasound by mothers in an African population. *Journal of Ultrasound*. https://doi.org/10.1007/s40477-019-00382-5

53. **Yaw A. Wiafe**, Bill Whitehead, Heather Venables, Edward T. Dassah (2019). Comparing intrapartum ultrasound and clinical examination in the assessment of fetal head position in African women. *Journal of Ultrasonography*. https://doi.org/10.15557/jou.2019.0037

54. Isaac Kofi Owusu, **Yaw Amo Wiafe** (2019). Left Ventricular Dysfunction: The Perspective of Echocardiography in Ghana. *World Journal of Cardiovascular Diseases*. https://doi.org/10.4236/wjcd.2019.99057

55. **Yaw Wiafe**, I Anyitey-Kokor, BA Agyei (2019). SONOGRAPHIC DETECTION OF UTERINE PERFORATION IN SURGICAL ABORTIONS: CASE REPORT FROM A DEVELOPING COUNTRY. *Medical Research Archives*. https://doi.org/10.18103/mra.v7i6.1944

56. **Yaw A. Wiafe**, Bill Whitehead, Heather Venables, Edward T. Dassah, Torbjørn M. Eggebø (2018). Intrapartum ultrasound assessment of cervical dilatation and its value in detecting active labor. *Journal of Ultrasound*. https://doi.org/10.1007/s40477-018-0309-2

57. **Yaw A Wiafe**, Bill Whitehead, Heather Venables, Alexander T Odoi (2018). Sonographic parameters for diagnosing fetal head engagement during labour. *Ultrasound*. https://doi.org/10.1177/1742271x18755080

58. Daniel Gyamfi, **Yaw Amo Wiafe**, Kwabena Owusu Danquah, Ernest Adankwah, Gertrude Akua Amissah, Angela Odame (2018). Urinary iodine concentration and thyroid volume of pregnant women attending antenatal care in two selected hospitals in Ashanti Region, Ghana: a comparative cross-sectional study. *BMC Pregnancy and Childbirth*. https://doi.org/10.1186/s12884-018-1820-3

59. **Yaw Amo Wiafe**, Bill Whitehead, Heather Venables, Emmanuel Kweku Nakua (2016). The effectiveness of intrapartum ultrasonography in assessing cervical dilatation, head station and position: A systematic review and meta-analysis. *Ultrasound*. https://doi.org/10.1177/1742271x16673124

60. Augustina Badu-Peprah, Alexander T Odoi, Edward T Dassah, **Yaw Amo-Wiafe** (2011). Sonohysterography: time to step up its use in gynaecologic imaging in West Africa. *PubMed*.

61. **YA Wiafe** (2011). Ultrasound Imaging-Medical Applications. *Minin IVM, OV, editor. Ultrasound Imaging-Medical Applications. London: IntechOpen*. https://scholar.google.com/scholar?cluster=17696065820509232056&hl=en&oi=scholarr

62. IK Owusu, **YA Wiafe** (1930). Atrial septal aneurysm and intermittent atrio-ventricular block: a case report and literature review. *FRONTIERS IN MEDICAL CASE REPORTS*.

Book chapters 3

1. **Yaw A. Wiafe**, Alexander T. Odoi, Edward T. Dassah, Ruth E. Zielinski (2021). Use of Intrapartum Ultrasound in Low-Resource Settings: The Role of Ultrasound Triaging. https://doi.org/10.1007/978-3-030-57595-3_37

2. **Yaw Amo Wiafe**, Augustina Badu-Peprah (2019). The Influence of Ultrasound Equipment Knobology in Abdominal Sonography. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.83713

3. **Y Wiafe**, Alexander T., Edward T. (2011). The Role of Obstetric Ultrasound in Reducing Maternal and Perinatal Mortality. *InTech eBooks*. https://doi.org/10.5772/22847

Theses 1

1. **YA Wiafe** (2021). The Reliability, Practicality and Acceptability of Using Ultrasonography to Monitor the Progress of Labour and Delivery. *PQDT-Global*. https://search.proquest.com/openview/1e5b40a09aba47661689b25df0533d59/1?pq-origsite=gscholar&cbl=2026366&diss=y