

# SCHOLARLY BIBLIOGRAPHY

## Original Peer-Reviewed Publications

- M1. Miyoshi T, Addetia K, Citro R, Daimon M, Desale S, Fajardo PG, Kasliwal RR, Kirkpatrick JN, Monaghan MJ, Monaghan MJ, Muraru D, **Ogunyankin KO**, Park SW, Ronderos RE, Sadeghpour A, Scalia GM, Takeuchi M, Tsang W, Tucay ES, Tude Rodrigues AC, Vivekanandan A, Zhang Y, Blitz A, Lang RM, Asch FM; *Left Ventricular Diastolic Function in Healthy Adult Individuals: Results of the World Alliance Societies of Echocardiography Normal Values Study*. Journal of the American Society of Echocardiography 2020; DOI:<https://doi.org/10.1016/j.echo.2020.06.008>
- M2. Moreira HT, Armstrong AC, Nwabuo CC, Vasconcellos HD, Schmidt A, Sharma RK, Ambale-Venkatesh B, Ostovaneh MR, Kiefe CI, Lewis CE, Schreiner PJ, Sidney S, **Ogunyankin KO**, Gidding SS, Lima JAC. *Association of smoking and right ventricular function in middle age: CARDIA study* Open Heart 2020;7:e001270. doi:10.1136. Openhrt-2020-001270
- M3. Asch FM, Miyoshi T, Addetia K, Citro R, Daimon M, Desale S, Fajardo PG, Kasliwal RR, Kirkpatrick JN, Monaghan MJ, Muraru D, **Ogunyankin KO**, Park SW, Ronderos RE, Sadeghpour A, Scalia GM, Takeuchi M, Tsang W, Tucay ES, Tude Rodrigues AC, Vivekanandan A, Zhang Y, Blitz A, Lang RM; *Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study*. Journal of the American Society of Echocardiography 2019; 32(11):1396-1406
- M4. Mitchell C, Rahko PS, Blauwet LA, Canaday B, Finstuen JA, Foster MC, Horton K, **Ogunyankin KO**, Palma RA, Velazquez EJ. *Guidelines for Performing a Comprehensive Transthoracic Echocardiographic Examination in Adults: Recommendations from the American Society of Echocardiography*. Journal of the American Society of Echocardiography 2019; 32(1):1-64
- M5. Nwabuo CC, Moreira HT, Vasconcellos HD, Mewton N, Opdahl A, **Ogunyankin KO**, Ambale-Venkatesh B, Schreiner PJ, Armstrong AAC, Lewis CE, Jacobs DJ, Lloyd-Jones D, Gidding SS, Lima JAC. *Left Ventricular Global Function Index Predicts Incident Heart Failure and Cardiovascular Disease in Young Adults: The Coronary Artery Risk Development in Young Adults (CARDIA) Study*. **European Heart Journal-Cardiovascular imaging** 2019; 20(5): 533-540  
<https://doi.org/10.1093/ehjci/jev123>
- M6. Nwabuo CC, Moreira HT, Vasconcellos HD, Ambale-Venkatesh B, Yoneyama K, Ohyama Y, Sharma RK, Armstrong AC, Ostovaneh MR, Lewis CE, Liu K, Schreiner PJ; **Ogunyankin KO**, Gidding SS, Lima JAC. *Association of Aortic Root Dilation from Early Adulthood to Middle Age with Cardiac Structure and Function: The CARDIA Study*, J Am Soc of Echocardiogr 2017; 30(12): 1172-1179

- M7. Yadlapati A, Maher TR, Thomas JD, Gajjar M, **Ogunyankin KO**, Puthumana J. *Global longitudinal strain from resting echocardiogram is associated with long-term adverse cardiac outcomes in patients with suspected coronary artery disease*. *Perfusion* 2017; 32 (7): 529-537
- M8. Dewland TA, Bibbins-Domingo K, Lin F, Vittinghoff E, Foster E, **Ogunyankin KO**, Lima JA, Jacobs DR, Hu D, Burchard EG, Marcus GM. *Racial Differences in Left Atrial Size: Results from the Coronary Artery Risk Development in Young Adults (CARDIA) Study*. *PLoS One*. 2016 Mar 17;11(3):e0151559 <https://doi.org/10.1371/journal.pone.0151559>
- M9. Fox ER, Musani SK, Barbalic M, Lin H, Yu B, **Ogunyankin KO**, et al. *Genome-wide association study of cardiac structure and systolic function in African Americans: the Candidate Gene Association Resource (CARE) study*. *Circ Cardiovasc Genet*. 2013 Feb;6(1):37-46.
- M10. Desai CS, **Ogunyankin KO**, Colangelo LA, Liu K, Jacobs Jr DR, Cook NL, Lloyd-Jones DM. *Prevalence, prospective risk markers, and prognosis associated with the presence of left ventricular diastolic dysfunction in young adults: the coronary artery risk development in young adults study*. *Am J Epidemiol*. 2013 Jan 1;177(1):20-32
- M11. Kawut SM, Graham-Barr R, Lima JAC, Praestgaard A, Craig-Johnson W, Chahal H, **Ogunyankin KO**, Bristow M, Kizer JR, Tandri H, Bluemke DA. *Right Ventricular Structure and Function are associated with the Risk of Heart Failure and Cardiovascular Death: The MESA-Right Ventricle Study*. *Circulation* 2012; 126:1681-1688. <http://circ.ahajournals.org/content/126/14/1681>
- M12. Montgomery DE, Puthumana JJ, Fox JM, **Ogunyankin KO**. *Global longitudinal strain aids the detection of non-obstructive coronary artery disease in the resting echocardiogram*. *Eur Heart J Cardiovasc Imaging* 2012 Jul; 13(7): 579-87 December 13, 2011
- M13. **Ogunyankin KO**, Liu, K, Lloyd-Jones DM, Colangelo LA, Gardin JG. *Reference values of right ventricular end-diastolic area defined by ethnicity and gender in a young adult population- The CARDIA Study*. *Echocardiography* 2011; 28(2):142-149
- M14. **Ogunyankin KO**, Andrew G Day. *Successful treatment of hypertension accounts for improvements in markers of diastolic function- a pilot study comparing hydrochlorothiazide-based and amlodipine-based treatment strategies*. *Can J Cardiol* 2009; 25 (12):e406-e412
- M15. Jiang W, Hall SR, Moos M PW, Cao R Y, Ishii Satoshi, **Ogunyankin KO**, Melo LG, Funk CD. *Endothelial Cysteinyl Leukotriene 2 Receptor (CysLT2R) Expression Mediates Myocardial Ischemia- Reperfusion Amer J Pathol* 2008; 172: 2008;172:592-602
- M16. **Ogunyankin KO**, Day AG, Lonn E. *Cardiac Function Stratification Based on Echocardiographic or Clinical Markers of Left Ventricular Filling Pressures Predicts Death and Hospitalization Better Than Stratification by Ventricular Systolic Function Alone*. *Echocardiography* 2008;25 (2): 169-181
- M17. Liu X, Simpson J, Brunt KR, Barrette V, Ward CA, Tse Y, Pang SC, Pachori AS Dzau V J, **Ogunyankin KO**, Melo LG. *Pre-Emptive Heme Oxygenase-1 Gene Delivery Reveals Reduced Mortality And Preservation Of Left Ventricular Function One Year After Acute Myocardial Infarction*. *Am J Physiol Heart Circ Physiol*. 2007 Jul;293(1):H48-59.

- M18. **Ogunyankin KO**, Burggraf GW, Abiose AK, Malik PG. *Validity of revised Doppler echocardiographic algorithms and composite clinical and angiographic data in diagnosis of diastolic dysfunction*. Echocardiography 2006; 23(10) 817-828
- M19. Takeuchi M, **Ogunyankin K**, Pandian NG et al. *Enhanced visualization of intravascular and left atrial appendage thrombus with the use of a thrombus-targeting ultrasonic contrast agent (MRX408A1): In Vivo experimental echocardiographic studies*. J Am Soc of Echocardiogr 1999; 12:1015-21.
- M20. Takanaka C, **Ogunyankin KO**, Singh BN. *Antiarrhythmic and arrhythmogenic actions of varying levels of extracellular magnesium: possible cellular basis for the differences in the efficacy of magnesium and lidocaine in torsades de pointes*. J of Cardiovasc Pharmacol & Therapeut 1997 April;2(2)125-34 .
- M21. **Ogunyankin KO**, Alhaddad IA, Altura BM, Altura BT, Brown EJ. Jr. *Does Magnesium modify left ventricular remodeling after myocardial infarction?*. Coron Artery Dis 1995 6(9): 709-714.

## Editorials and Reviews

- R1. **Ogunyankin KO**. *Assessment of Left Ventricular Diastolic Function: The Power, Possibilities and Pitfalls of Echocardiographic Imaging Techniques*. Canadian Journal of Cardiology 2011; 27(3):311-318.
- R2. **Ogunyankin KO**, Puthumana JJ. *Effect of cardiac resynchronization therapy on right ventricular function*. Current Opinion in Cardiology 2010, 25 (464-468)
- R3. **Ogunyankin KO**. *Diastolic Dysfunction: Association with Hypertension and Potential Target for Antihypertensive Therapy*. Current Cardiovascular Risk Reports 2010, 4 (4):256-263
- R4. **Ogunyankin KO**, Singh BN. *Mortality reduction by antiadrenergic modulation of arrhythmogenic substrate: Significance of combining Beta Blockers and amiodarone*. Am J Cardiol 1999; 84: 76R-82R (Review- **Both**)
- R5. **Ogunyankin K**, Singh BN, *Reflections on recent clinical trials in patients with heart failure and those with reduced ventricular function*. **Editorial(peer reviewed)** J of Cardiovasc Pharmacol & Therapeut 1997 July ;2(3)147-152.
- R6. **Ogunyankin KO**, Singh BN. *Influencing mortality in cardiac disorders by controlling arrhythmias or by cardioprotection?* **Editorial (peer reviewed)** J of Cardiovasc Pharmacol & Therapeutics 1996 July; 1(3):189-194.
- R7. **Ogunyankin KO**. Jonas E. *Management of aortic stenosis in the elderly*. Intercontinental Cardiology 1995 Sept -Dec 4(3): 127-130 (Review- **peer-reviewed uninvited**)

## Letters

- L1. Ogunyankin KO. Letter by Ogunyankin KO regarding Article, "Tissue Doppler imaging in the Estimation of Intracardiac Filling Pressure in Decompensated Patients with Advanced Systolic Heart failure" *Circulation* 2009; 120:e45 DOI:10.1161/CIRCULATIONAHA.108846477
- L2. Ogunyankin KO. Color and Spectral Modes of Tissue Doppler Imaging have similar diagnostic utility but different numerical values (*Letter*). *JASE* 2006; 19:1411-1412
- L3. Ogunyankin KO. Left ventricular remodeling in elite athletes (*Letter*). *Circulation*. 2002; 106:E43.
- L4. Ogunyankin Kofo. Vitamin E and coronary artery disease (*Letter*). *Lancet* June 1996; 347:1689.
- L5. Ogunyankin Kofo. Thrombolysis in myocardial infarction GUSTO criticized. (*Letter*). *N Engl J Med* 1994; 330:505

### Recent Abstracts:

- A1. Singh A, Addetia K, Miyoshi T, Schreckenber M, Blankenhagen M, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, **Ogunyankin KO**, Park SW, Tude Rodrigues AC, Ronderos R, Sadeghpour A, Scalia G, Takeuchi M, Tsang W, Tucay ES, Zhang M, Soulat-Dufour L, Asch FM, Lang RM: Differences in left atrial dimensions by 3D analysis: Insights from a subset of the World Alliance of Societies of Echocardiography (WASE) Normal Values Study. *J Am Soc of Echocardiogr* 2020; 33(6) B73. Doi: [https://doi.org/10.1016/S0894-7317\(20\)30261-3](https://doi.org/10.1016/S0894-7317(20)30261-3)
- A2. Singh A, Addetia K, Miyoshi T, Schreckenber M, Blankenhagen M, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, **Ogunyankin KO**, Park SW, Tude Rodrigues AC, Ronderos R, Sadeghpour A, Scalia G, Takeuchi M, Tsang W, Tucay ES, Zhang M, Soulat-Dufour L, Asch FM, Lang RM: the evolving relationship of age and 3D left atrial phasic function using data from a subset of the World Alliance of Societies of Echocardiography (WASE) Normal Values Study. *J Am Soc of Echocardiogr* 2020; 33(6) B88-89: Doi: [https://doi.org/10.1016/S0894-7317\(20\)30261-3](https://doi.org/10.1016/S0894-7317(20)30261-3)
- A3. Soulat-Dufour L, Addetia K, Miyoshi T, Schreckenber M, Blankenhagen M, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, **Ogunyankin KO**, Park SW, Tude Rodrigues AC, Ronderos R, Sadeghpour A, Scalia G, Takeuchi M, Tsang W, Tucay ES, Zhang M, Asch FM, Lang RM: 2D/3D right atrial size according to age and gender: Results of the World Alliance of Societies of Echocardiography (WASE) Normal Values Study. *J Am Soc of Echocardiogr* 2020; 33(6) B74: Doi: [https://doi.org/10.1016/S0894-7317\(20\)30261-3](https://doi.org/10.1016/S0894-7317(20)30261-3)
- A4. Soulat-Dufour L, Lang RM, Miyoshi T, Schreckenber M, Blankenhagen M, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, **Ogunyankin KO**, Park SW, Tude Rodrigues AC, Ronderos R, Sadeghpour A, Scalia G, Takeuchi M, Tsang W, Tucay ES, Zhang M, Asch FM, Addetia K: Are there geographic differences in 2D/3D right atrial size? Results of the World Alliance of Societies of Echocardiography (WASE) Normal Values Study. *J Am Soc of Echocardiogr* 2020; 33(6) B78: Doi: [https://doi.org/10.1016/S0894-7317\(20\)30261-3](https://doi.org/10.1016/S0894-7317(20)30261-3)
- A5. Soulat-Dufour L, Lang RM, Miyoshi T, Schreckenber M, Blankenhagen M, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D,

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- A6. Addetia K, Miyoshi T, Blitz A, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, Ogunyankin KO, Park SW, Prado A, Rodrigues ACT, Sadeghpour A, Scalia G, Stapf D, Takeuchi M, Tsang W, Tucay ES, Zhang M, Asch FM, Lang RM. Worldwide normal values for left and right ventricular size and function using 3D echocardiography: first report from the World Alliance of Societies of Echocardiography (WASE) Normal Values Study. *J Am Soc of Echocardiogr* 2020; 33(6) B94: Doi: [https://doi.org/10.1016/S0894-7317\(20\)30261-3](https://doi.org/10.1016/S0894-7317(20)30261-3)
- A7. Addetia K, Miyoshi T, Blitz A, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, Ogunyankin KO, Park SW, Rodrigues ACT, Ronderos R, Sadeghpour A, Scalia G, Takeuchi M, Tsang W, Tucay ES, Zhang M, Asch FM. Are there differences in 3D LV and RV size and function parameters between populations around the world? First report from the World Alliance of Societies of Echocardiography (WASE) Normal Values Study. *J Am Soc of Echocardiogr* 2019; 32(6) B95-96
- A8. Addetia K, Miyoshi T, Kebed K, Schreckenber M, Blitz A, Wiebel H, Amuthan V, Citro R, Daimon M, Gutiérrez-Fajardo P, Kasliwal R, Kirkpatrick JN, Monaghan MJ, Muraru D, Ogunyankin KO, Park SW, Rodrigues ACT, Ronderos R, Sadeghpour A, Scalia G, Takeuchi M, Tsang W, Tucay ES, Zhang M, Asch FM, Lang RM. Application of machine learning to two-dimensional echocardiographic chamber dimension and function measurements. *J Am Soc of Echocardiogr* 2019; 32(6) B122
- A9. Nwabuo CC, Moreira HT, Vasconcellos HD, Yared G, Ambale-Venkatesh B, Jared PR, Lloyd-Jones D, Schreiner PJ, Lewis CE, Sidney S, **Ogunyankin KO**, Gidding SS, Lima JAC. Inter-and Intra-reader Reproducibility of left ventricular volumetric and deformational assessment by three-dimensional echocardiography in a Multi-center community-based study: The coronary artery risk development in young adults CARDIA study. *J Am Soc of Echocardiogr* 2016; 29(6) B82: P2-15
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- A11. Nwabuo CC, Ohyama Y, Moriera HT, Ambale-Venkatesh B, Sharma RK, Armstrong AC, Ostovaneh MR, Lewis B, Liu K, Schreiner P, **Ogunyankin KO**, Gidding SS, Lima JAC. Association of Aortic Root Diameter with Myocardial Remodeling and Reduced Function in Middle-Aged Black and White Adults: The CARDIA Study. *J Am Soc of Echocardiogr* 2015; 28(6) B27: P1-56
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- A24. Oestreicher E, Foster E, Yong C, Lin F, Sidney S, Ogunyankin KO, Bibbins-Domingo K. Impact of Physical Fitness on Echocardiographic Left Ventricular Mass in Healthy Young Black and White

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- A51. Takeuchi M, Ogunyankin K, McCreey T, Pandian NG. Comparison of imaging modalities for visualization of intravascular and intracardiac clots following thrombus specific contrast



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- A52. Yao J, Masaaki T, Teupe C, Avelar E, Abadi C, Ogunyankin K, Pandian N. 3-Dimensional contrast echocardiography can delineate and quantify residual infarct mass and salvaged myocardial mass in reperfused myocardium following acute ischemia: Experimental studies using a new contrast agent -SHU 563A. Circulation 1998; 98 (17) 1-194-I-1008
- A53. Takeuchi M, Teupe C, Yao J, Abadi C, Avelar E, Connolly R, Ogunyankin K, Fritzsche T, Pandian N. Study of myocardial microvascular flow by acoustically stimulated emission (ASEM) Analysis with harmonic power Doppler and variance mode color doppler to assess efficacy of myocardial reperfusion. Circulation 1998; 98 (17) 1-77-I-388

#### INVITED PRESENTATIONS:

- June 2018. Faculty Presenter “Cardiac Eosinophilia” American Society of Echocardiography 29<sup>th</sup> Annual Scientific Session. Nashville Tennessee, USA
- June 13 2016. Panel presenter, American Society of Echocardiography 27<sup>th</sup> Annual Scientific session. Seattle, Washington USA
- April 1-4 2016. Session Co-Chair. 65<sup>th</sup> Annual Scientific Session of the American College of Cardiology. Chicago USA
- April 1 2016. Presenter 65<sup>th</sup> Annual Scientific Session of the American College of Cardiology Chicago USA
- May 3-6 2014. Invited faculty presenter World Congress of Cardiology Melbourne Australia. “Imaging needs in Africa- A view from the ground”
- April 16-17 2009 Invited research presenter: Annual Observational Study Monitoring Board (OSMB) meeting of the Coronary Artery Risk Development in Young Adults (CARDIA) **Bethesda, MA**: One of only 3 presenters from the whole network of CARDIA investigators to showcase innovative and impactful results from this study now in its 25<sup>th</sup> year.
- Echo Northwestern October 2008 Chicago: “State of the art imaging in hypertensive heart disease
- Echo Northwestern October 2008 Chicago: Workshops “Knobology”
- Echo Northwestern October 2008 Chicago IL: “Echocardiographic assessment of pericardial diseases”
- Echo Northwestern October 2009: “Hypertension means more than high blood pressure”
- Scientific Session of Nigerian Heart 2008, Lagos Nigeria September 26<sup>th</sup> 2008 “Use of Echocardiography in diagnosing and managing cardiomyopathies”
- Echo Northwestern October 2007 Chicago IL U.S.A: Workshop “How to do Velocity Vector Imaging”
- Keynote Speaker The 6<sup>th</sup> Annual General meeting ‘Canadian Association of Nigerian Physicians And Dentists CANPAD August 4 2007 Toronto ON Canada, “Blood Pressure misconceptions”
- Grand Round Department of Medicine, Queen’s University Kingston Ontario January 11 2007. “Aggressive normalization of high Blood pressure: Is it feasible, necessary or just a myth”
- Annual Cardiology CME program October 5 2005 Kingston ON Canada: Workshops on Refractory hypertension

- Tissue Doppler: How should it be done? What does it mean? National Capital Echocardiography Rounds Ottawa Ontario Canada. September 2004
- Sonographers Room. Canadian Society of Echocardiography Annual Echo Weekend, Vancouver, BC, April 2003
- Approach to a Hypertensive Patient. Canadian Society of Echocardiography Annual Echo Weekend, Alliston, ON, April 2002
- New Concepts in the management of cardiovascular risk factor. Medical Grand Round given at Wilson Memorial Hospital Binghamton NY April 12 2001
- Echocardiography in the evaluation of congestive heart failure: Focus on Diastology. Given to Central New York Academy of Medicine, New Hartford NY Jan 21 1999
- Emerging concepts in the pharmacologic treatment of hypertension Department of Pharmacology and Toxicology, Queen's University, Kingston, ON, January 2003
- Brain protection and stroke in relation to hypertension. Continuing Medical Education, Queen's University, Kingston, ON, March 2003
- Workshop on White Coat Hypertension. September 2004 Kingston ON Canada. Cardiology CME Conference