

CURRICULUM VITAE
Marwan S. Saad, M.D., Ph.D., FACC, FSCAI, FESC

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Lifespan Cardiovascular Institute
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EDUCATION:

2010-2013	Ph.D., Clinical Research – Cardiovascular Medicine (Honors)	Ain Shams University Medical School, Cairo, Egypt
2006-2009	Master of Science, Clinical Research – Cardiovascular Medicine (Honors)	Ain Shams University Medical School, Cairo, Egypt
1998-2005	Doctor of Medicine (Honors)	Ain Shams University Medical School, Cairo, Egypt

POSTGRADUATE TRAINING:

2020-2021	Structural Heart Disease, Fellow	Warren Alpert Medical School of Brown University, Providence, RI
2019-2020	Interventional Cardiology, Fellow	Warren Alpert Medical School of Brown University, Providence, RI
2016-2019	Cardiovascular Medicine, Fellow	University of Arkansas for Medical Sciences, Little Rock, AR
2013-2016	Internal Medicine, Resident	Rutgers New Jersey Medical School / Trinitas Regional Medical Center, Elizabeth, NJ
2010-2013	Cardiovascular Medicine, Fellow	Ain Shams University, Cairo, Egypt
2006-2009	Internal Medicine/ Cardiovascular Medicine, Resident	Ain Shams University, Cairo, Egypt
2005-2006	Internal Medicine, Intern	Ain Shams University, Cairo, Egypt

OTHER POSTGRADUATE TRAINING:

2015-2016	Associate Chief Resident, Internal Medicine	Rutgers New Jersey Medical School / Trinitas Regional Medical Center, Elizabeth, NJ
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2014-2016	Research fellow	Cardiac Electrophysiology Research Foundation, Warren, NJ
04/2012-05/2012	Interventional Cardiology, visiting international fellow	Division of Cardiology, Washington Hospital Center, Washington, DC
02/2012-03/2012	Interventional Cardiology, visiting international fellow	Cleveland Clinic Foundation, Cleveland, Ohio

POSTGRADUATE HONORS AND AWARDS:

2022	The Raymon S. Riley Faculty Teaching Award	Cardiology Fellowship, Brown University, Providence, RI
2021	Haffenreffer Family House Staff Excellence Award	Warren Alpert Medical School of Brown University, Providence, RI
2020	TCTMD Featured Fellow Interventional/Structural Cardiology	Warren Alpert Medical School of Brown University, Providence, RI
2016	Outstanding Service and Commitment Award, Associate Chief Resident	Rutgers New Jersey Medical School / Trinitas Regional Medical Center, Elizabeth, NJ
2013	Honors and First Rank Award, Ph.D. program	Ain Shams University, Cairo, Egypt
2009	Honors and First Rank Award, Master of Science program	Ain Shams University, Cairo, Egypt
2005	Deans' Honor List	Ain Shams University Medical School, Cairo, Egypt

PROFESSIONAL LICENSES AND BOARD CERTIFICATON:

Medical Licensure

2018-present	Rhode Island State Medical License (MD16472)
2019-present	California State Medical License (A160233)
2019-2021	West Virginia State Medical License (28894)
2016-2020	Arkansas State Medical License (E-9995)
2018-2020	Florida State Medical License (ME138347)

Board Certification:

2020	Cardiovascular Computed Tomography, Society of Cardiovascular Computed Tomography
2020	Interventional Cardiology, American Board of Internal Medicine

- 2019 Cardiovascular Disease, American Board of Internal Medicine
- 2018 Diplomate, Nuclear Cardiology, American Board of Nuclear Cardiology
- 2018 Diplomate, Adult Echocardiography, National Board of Echocardiography
- 2016 Internal Medicine, American Board of Internal Medicine
- 2012 Educational Commission For Medical Graduates (ECFMG)

ACADEMIC APPOINTMENTS:

- 2022-present Director, Cath Lab Rotation Fellowship Curriculum, Warren Alpert Medical School of Brown University and Lifespan Cardiovascular Institute, Providence, RI
- 2021-present Director, Interventional Structural Heart Research, Warren Alpert Medical School of Brown University and Lifespan Cardiovascular Institute, Providence, RI
- 2021-present Assistant Professor, Cardiovascular Medicine, Warren Alpert Medical School of Brown University, Providence, RI
- 2022 Candidate interviewer, Electrophysiology Faculty, Warren Alpert Medical School of Brown University, Providence, RI
- 2021 Candidate interviewer, Director of Echocardiography Laboratory Faculty, Warren Alpert Medical School of Brown University, Providence, RI
- 2021 Candidate interviewer, Advanced Heart Failure Faculty, Warren Alpert Medical School of Brown University, Providence, RI
- 2013-2022 Lecturer, Division of Cardiology, Ain Shams University, Cairo, Egypt
- 2010-2013 Assistant Lecturer, Division of Cardiology, Ain Shams University, Cairo, Egypt

HOSPITAL APPOINTMENTS:

- 2021-present Staff Physician, Cardiology/Interventional and Structural Heart Disease
Lifespan Cardiovascular Institute, Rhode Island and The Miriam Hospitals, Providence, RI
- 2020-2021 Staff Physician, Cardiology/Interventional Cardiology
Lifespan Cardiovascular Institute, Rhode Island and The Miriam Hospitals, Providence, RI

NATIONAL APPOINTMENTS:

- 2022-present Editorial Board, Journal of Society of Cardiovascular Angiography and Interventions (JSCAI)
- 2022 Guest Editor, 10th Anniversary Boutique Special Issue, Journal of Clinical Medicine
- 2021-present Guest Associate Editor, Journal of American College of Cardiology

- 2020-present Member, Early Career Section, American College of Cardiology
- 2019-present Reviewer, American College of Cardiology conference abstracts
- 2019-present Invited Faculty, American Heart Association conference
- 2019-present Associate Editor, BMC Cardiovascular Disorders, coronary artery disease section
- 2019-2020 Member, Council on Arteriosclerosis, Thrombosis, and Vascular Biology, American Heart Association
- 2018-present Member, Academic Section, American College of Cardiology
- 2018-2019 Member, Council on Hypertension, American Heart Association
- 2014-present Ad Hoc Peer Reviewer:
- Journal of Society of Cardiovascular Angiography and Interventions (JSCAI)
 - European Heart Journal
 - Journal of American College of Cardiology
 - Circulation
 - JACC: Cardiovascular Interventions
 - Circulation Cardiovascular Interventions
 - Journal of American Heart Association
 - Heart – The British Medical Journals
 - Catheterization and Cardiovascular Interventions
 - The British Medical Journal “BMJ” – open
 - Cardiovascular Revascularization Medicine
 - International Journal of Cardiology
 - Heart Failure Reviews
 - American Journal of Cardiology
 - PLOS One
 - American Journal of Cardiovascular drugs
 - Cardiovascular Diagnosis and Therapy journal
 - Journal of Interventional Cardiology
 - BMC Cardiovascular Disorders
 - Journal of Interventional Cardiac Electrophysiology
 - Cardiology journal
- 2013-2015 Reviewer, National Abstract Competition, American College of Physicians

INTERNATIONAL APPOINTMENTS:

- 2022-present Invited Faculty, CardioEgypt international conference

UNIVERSITY COMMITTEES:

- 2022 Faculty Search Committee for Interventional Cardiology, Warren Alpert Medical School of Brown University, Providence, RI

- 2021-present Structural Heart Disease Fellowship Selection Committee, Warren Alpert Medical School of Brown University, Providence, RI
- 2021-present Interventional Cardiology Fellowship Selection Committee, Warren Alpert Medical School of Brown University, Providence, RI
- 2021-present Cardiology Fellowship Selection Committee, Warren Alpert Medical School of Brown University, Providence, RI

HOSPITAL COMMITTEES:

- 2019-2020 Member, Acute Kidney Injury committee. Catheterization laboratory, Rhode Island and The Miriam Hospitals, Brown University, Providence, RI
- 2017-2019 Member, The HEART Score program. University of Arkansas for Medical Sciences, Little Rock, AR
- 2014-2016 Member, The Heart Failure Quality Improvement program. Rutgers New Jersey Medical School / Trinitas Regional Medical Center Program, Elizabeth, NJ
- 2013-2015 Member, The Osteoporosis Quality Improvement program. Rutgers New Jersey Medical School / Trinitas Regional Medical Center Program, Elizabeth, NJ

MEMBERSHIP IN SOCIETIES:

- 2021-present Fellow, Society of Cardiovascular Angiography and Intervention (FSCAI)
- 2020-present Fellow, American College of Cardiology (FACC)
- 2020-present Member, Society of Cardiovascular Computed Tomography
- 2018-present Fellow, European Society of Cardiology (FESC)
- 2018-present Member, Society of Cardiovascular Angiography and Intervention
- 2018-present Member, American Heart Association
- 2015-present Member, American College of Cardiology
- 2010-present Member, European Society of Cardiology
- 2010-present Member, Egyptian Society of Cardiology

CLINICAL TRIAL APPOINTMENTS:

- 2021-present **Role:** Co-Investigator, Rhode Island and The Miriam Hospitals, Providence, RI
Trial: CORCINCH-HF: Clinical Evaluation of the AccuCinch® Ventricular Restoration System in Patients Who Present With Symptomatic Heart Failure With Reduced Ejection Fraction.
Site Principal Investigator: Paul C Gordon, MD

- 2021-present **Role:** Co-Investigator, Rhode Island and The Miriam Hospitals, Providence, RI
Trial: TAVR UNLOAD: Transcatheter Aortic Valve Replacement to UNload the Left Ventricle in Patients With ADvanced Heart Failure.
Principal Investigator: Paul C Gordon, MD
- 2021-present **Role:** Co-Investigator, Rhode Island Hospital, Providence, RI
Trial: AGENT-IDE: A Clinical Trial to Assess the Agent Paclitaxel Coated PTCA Balloon Catheter for the Treatment of Subjects With In-Stent Restenosis
Principal Investigator: J Dawn Abbott, MD
- 2019-present **Role:** Co-Investigator, Rhode Island and The Miriam Hospitals, Providence, RI
Trial: ECLIPSE (Evaluation of Treatment Strategies for Severe CaLcIfic Coronary Arteries: Orbital Atherectomy vs. Conventional Angioplasty Technique Prior to Implantation of Drug Eluting StEnts) trial
Principal Investigator: Herbert Aronow, MD MPH

PUBLICATIONS LIST:

<https://www.ncbi.nlm.nih.gov/myncbi/marwan.saad.1/bibliography/public/>

A) ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Lima FV, Berkowitz J, Kennedy KF, Kolte D, **Saad M**, Elmariah S, Palacios IF, Inglessis I, Khera S, Assa EB, Gordon P, Chu AF. Incidence and Predictors of New-Onset Atrial Fibrillation After Transcatheter Edge-to-Edge Repair of the Mitral Valve (from the Nationwide Readmissions Database). *Am J Cardiol.* 2022:S0002-9149(22)00859-1. doi: 10.1016/j.amjcard.2022.07.032. Online ahead of print.
2. Elkaryoni A, Hussain F, Chahine N, Khan R, Malhotra A, Mentias A, Alkhouli MA, Sharaf BL, Gordon P, Lopez JJ, Aronow HD, Abbott JD, **Saad M**. In-hospital and Readmission Outcomes With Percutaneous Balloon Mitral Valvuloplasty. *Curr Probl Cardiol.* 2022:101367. doi: 10.1016/j.cpcardiol.2022.101367. Online ahead of print.
3. Elkaryoni A, Elgendy IY, **Saad M**, Luke D, Shatla I, DeSirkar S, Bunte MC, Abbott JD, Aronow HD, Darki A. Trends, outcomes, and predictors of patients transferred with acute pulmonary embolism in the United States: Analysis of the Nationwide Inpatient Sample. *Vasc Med.* 2022:1358863X221117607. doi: 10.1177/1358863X221117607. Online ahead of print.
4. Mentias A, **Saad M**, Michael M, Nakhla S, Menon V, Harb S, Chaudhury P, Johnston D, Saliba W, Wazni O, Svensson L, Desai MY, Kapadia S. Direct Oral Anticoagulants Versus Warfarin in Patients With Atrial Fibrillation and Valve Replacement or Repair. *J Am Heart Assoc.* 2022:e026666. doi: 10.1161/JAHA.122.026666. Online ahead of print.
5. Louis DW, Kennedy KF, **Saad M**, Salber G, Imran H, Wark T, Soares C, Ghosalkar D, Cherala R, Poppas A, Abbott JD, Aronow HD. Preadmission Oral Anticoagulation for Atrial Fibrillation/Flutter and Death or Thrombotic Events During COVID-19 Admission. *Am J Cardiol.* 2022:S0002-9149(22)00741-X. doi: 10.1016/j.amjcard.2022.07.006. Online ahead of print.

6. Elkaryoni A, Tran AT, **Saad M**, Darki A, Lopez JJ, Abbott JD, Chan PS; American Heart Association's Get With the Guidelines®-Resuscitation Investigators. Patient characteristics and survival outcomes of cardiac arrest in the cardiac catheterization laboratory: Insights from get with the Guidelines®-Resuscitation registry. *Resuscitation*. 2022;S0300-9572(22)00636-0. doi: 10.1016/j.resuscitation.2022.08.002
7. Louis DW, **Saad M**, Vijayakumar S, Ilyas S, Kokkiralala A, Aronow HD. The Cardiovascular Manifestations of COVID-19. *Cardiol Clin*. 2022;40(3):277-285. doi: 10.1016/j.ccl.2022.03.001. Epub 2022 Mar 23
8. Elzanaty AM, Maraey A, Elbadawi A, Khalil M, Hashim A, Vyas R, Moustafa A, Ramanathan PK, Mentias A, Abbott JD, Aronow HD, Kapadia S, **Saad M**. Early versus late discharge after transcatheter aortic valve replacement and readmissions for permanent pacemaker implantation. *Catheter Cardiovasc Interv*. 2022 Jun 27. doi: 10.1002/ccd.30299. Online ahead of print.
9. Prasada S, Desai MY, **Saad M**, Smilowitz NR, Faulx M, Menon V, Moudgil R, Chaudhury P, Hussein AA, Taigen T, Nakhla S, Mentias A. Preoperative Atrial Fibrillation and Cardiovascular Outcomes After Noncardiac Surgery. *J Am Coll Cardiol*. 2022 Jun 28;79(25):2471-2485. doi: 10.1016/j.jacc.2022.04.021.
10. **Saad M**, Kennedy KF, Louis DW, Imran H, Sherrod CF 4th, Aspary K, Mentias A, Poppas A, Abbott JD, Aronow HD. Preadmission Statin Treatment and Outcome in Patients Hospitalized With COVID-19. *Am J Cardiol*. 2022;177:28-33. doi: 10.1016/j.amjcard.2022.04.045.
11. Baig M, Kwok M, Aldairi A, Imran HM, Khan MS, Moustafa A, Hyder ON, **Saad M**, Aronow HD, Soukas PA. Endovascular intravascular lithotripsy in the treatment of calcific common femoral artery disease: A case series with an 18-month follow-up. *Cardiovasc Revasc Med*. 2022;S1553-8389(22)00232-9. doi: 10.1016/j.carrev.2022.05.003.
12. Chaudhury P, Alvarez P, Michael M, **Saad M**, Bishop GJ, Hanna M, Menon V, Starling RC, Spyropoulos AC, Desai M, Mentias A. Incidence and Prognostic Implications of Readmissions Caused by Thrombotic Events After a Heart Failure Hospitalization. *J Am Heart Assoc*. 2022;11(10):e025342. doi: 10.1161/JAHA.122.025342. Epub 2022 May 10.
13. Elkaryoni A, **Saad M**, Elgendy IY, Lopez JJ, Aronow HD, Abbott JD, Chan PS. Trends in Timing of Coronary Angiography in Patients With Out-of-Hospital Cardiac Arrest and Non-ST Elevation Myocardial Infarction: A Real-World Analysis. *Am J Cardiol*. 2022;S0002-9149(22)00352-6. doi: 10.1016/j.amjcard.2022.03.048. Online ahead of print.
14. Sedhom R, Megaly M, **Saad M**, Elbadawi A, Witzke CF, Garcia S, Latib A, Gafoor SA. Transcatheter edge-to-edge repair of the tricuspid valve: The US experience. *Catheter Cardiovasc Interv*. 2022 Apr 1. doi: 10.1002/ccd.30141. Online ahead of print.
15. Elbadawi A, Tan BE, Sammour Y, **Saad M**, Omer M, Baron SJ, Sharaf B, Abbott JD, Gordon PC. Sex-related differences in the trends and outcomes of trans-septal transcatheter mitral valve replacement: Insights from the National Readmissions Database. *Catheter Cardiovasc Interv*. 2022. doi: 10.1002/ccd.30072. Epub ahead of print.

16. Rezaq A, **Saad M**, El Nozahi M. SACubitril/valsartan versus ramipril in patients with ST-segment Elevation Myocardial Infarction and cardiogenic SHOCK (SAVE-SHOCK): a pilot randomized controlled trial. *Am J Cardiovasc Dis*. 2021;11(6):734-742.
17. Morcos R, Megaly M, **Saad M**, Barakat AF, Rubens M, Saxena A, Elbadawi A, Kucharik M, Luna M, Garcia S, Veledar E, Maini B, Khalili H. In-hospital outcomes of transesophageal versus intracardiac echocardiography guided left atrial appendage closure. *Catheter Cardiovasc Interv*. 2022. doi:10.1002/ccd.30086. Epub ahead of print.
18. Elbadawi A, Shnoda M, Dang A, Gad M, Abdelazeem M, **Saad M**, Salama A, Sharma A, Gilani S, Latib A, Rab T, Elgendy IY, Abbott JD. Meta-Analysis Comparing Outcomes With Bifurcation Percutaneous Coronary Intervention Techniques. *Am J Cardiol*. 2022;165:37-45. doi: 10.1016/j.amjcard.2021.10.048.
19. **Saad M**, Kennedy KF, Imran H, Louis DW, Shippey E, Poppas A, Wood KE, Abbott JD, Aronow HD. Association Between COVID-19 Diagnosis and In-Hospital Mortality in Patients Hospitalized With ST-Segment Elevation Myocardial Infarction. *JAMA*. 2021;326(19):1940-1952.
20. Megaly M, Sedhom R, Pershad A, Vemmou E, Nikolakopoulos I, Karacsonyi J, **Saad M**, Mentias A, Garcia S, Karmaliotis D, Egred M, Burke MN, Brilakis ES. Complications and failure modes of coronary microcatheters. *EuroIntervention*. 2021 Aug 6;17(5):e436-e438.
21. Lou JY, Kennedy KF, Menard MT, Abbott JD, Secemsky EA, Goodney PP, **Saad M**, Soukas PA, Hyder ON, Aronow HD. North American lower-extremity revascularization and amputation during COVID-19: Observations from the Vascular Quality Initiative. *Vasc Med*. 2021;26(6):613-623. doi: 10.1177/1358863X211021918
22. Elgendy IY, Gad MM, Mansoor H, Mahmoud AN, Elbadawi A, Saad A, **Saad M**, Elkaryoni A, Secemsky EA, Mamas MA, Monreal M, Weinberg I, Pepine CJ. Acute Pulmonary Embolism During Pregnancy and Puerperium: National Trends and In-Hospital Outcomes. *Mayo Clin Proc*. 2021;96(8):2102-2113. doi:10.1016/j.mayocp.2021.01.015
23. Megaly M, Sedhom R, Elbadawi A, **Saad M**, Omer M, Brilakis ES, Basir MB, Jaffer FA, Zaidan M, Alqarqaz M, Alaswad K. Trends and outcomes of utilization of thrombectomy during primary percutaneous coronary intervention. *Cardiovasc Revasc Med*. 2021;S1553-8389(21)00267-0. Online ahead of print.
24. Abuzaid A, **Saad M**, Addoumeh A, Ha LD, Elbadawi A, Mahmoud AN, Elgendy A, Abdelaziz HK, Barakat AF, Mentias A, Adeola O, Elgendy IY, Qasim A, Budoff M. Coronary artery calcium score and risk of cardiovascular events without established coronary artery disease: a systemic review and meta-analysis. *Coron Artery Dis*. 2021;32(4):317-328.
25. Morcos R, Megaly M, Desai A, Alkhouli M, **Saad M**, Luna M, Garcia S, Khalili H, Maini B. The transseptal puncture experience: Safety insights from FDA MAUDE database. *Catheter Cardiovasc Interv*. 2021;98(6):E855-E861. doi:10.1002/ccd.29746.
26. Kadavath S, Hawwas D, Strobel A, Mohan J, Bernardo M, Kassier A, Ya'qoub L, Madan N, Ashraf S, Salehi N, Mawri S, Rehman KA, Siraj A, Alraies C, **Saad M**, Aronow H. How the

COVID-19 Pandemic Has Affected Cardiology Fellow Training. *Am J Cardiol.* 2021;151:114-117. doi:10.1016/j.amjcard.2021.03.052.

27. Mentias A, **Saad M**, Desai MY, Krishnaswamy A, Menon V, Horwitz PA, Kapadia S, Sarrazin MV. Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Rheumatic Aortic Stenosis. *J Am Coll Cardiol.* 2021;77(14):1703-1713.
28. Megaly M, Buda K, **Saad M**, Tawadros M, Elbadawi A, Basir M, Abbott JD, Rinfret S, Alaswad K, Brilakis ES. Outcomes with drug-coated balloons vs. drug-eluting stents in small-vessel coronary artery disease. *Cardiovasc Revasc Med.* 2022;35:76-82. doi:10.1016/j.carrev.2021.03.008.
29. Elbadawi A, Elgendy IY, **Saad M**, Elzeneini M, Megaly M, Omer M, Banerjee S, Drachman DE, Aronow HD. Contemporary Revascularization Strategies and Outcomes Among Patients With Diabetes With Critical Limb Ischemia: Insights From the National Inpatient Sample. *JACC Cardiovasc Interv.* 2021;14(6):664-674. doi: 10.1016/j.jcin.2020.11.032.
30. Mentias A, Vaughan-Sarrazin M, **Saad M**, Girotra S. Sex Differences in Management and Outcomes of Critical Limb Ischemia in the Medicare Population. *Circ Cardiovasc Interv.* 2020;13(10):e009459. doi:10.1161/CIRCINTERVENTIONS.120.009459.
31. Moustafa A, Khan MS, **Saad M**, Siddiqui S, Eltahawy E. Impella support versus intra-aortic balloon pump in acute myocardial infarction complicated by cardiogenic shock: A meta-analysis. *Cardiovasc Revasc Med.* 2022;34:25-31. doi: 10.1016/j.carrev.2021.01.028.
32. Moustafa A, Khan MS, Marei A, Alsamman MA, Baig M, **Saad M**. Safety and efficacy of dual versus triple antithrombotic therapy in Patients with atrial fibrillation undergoing percutaneous coronary intervention: A meta-analysis. *Avicenna J Med.* 2020;10(4):232-240.
33. Rezaq A, **Saad M**, El Nozahi M. Comparison of the Efficacy and Safety of Sacubitril/Valsartan versus Ramipril in Patients With ST-Segment Elevation Myocardial Infarction. *Am J Cardiol.* 2021;143:7-13.
34. Abuzaid A, **Saad M**, Addoumeh A, Ha LD, Elbadawi A, Mahmoud AN, Elgendy A, Abdelaziz HK, Barakat A, Mentias A, Adeola O, Elgendy IY, Qaism A, Buddoff M. Coronary artery calcium score and risk of cardiovascular events without established coronary artery disease: a systemic review and meta-analysis. *Coron Artery Dis.* 2021;32(4):317-328. doi: 10.1097/MCA.0000000000000974
35. Abraham B, Sedhom R, Megaly M, **Saad M**, Elbadawi A, Elgendy IY, Omer M, Narayanan MA, Mena-Hurtado C, Pershad A, Shamoun F, Lalonde T, Attallah A. Outcomes with catheter-directed thrombolysis compared with anticoagulation alone in patients with acute deep venous thrombosis. *Catheter Cardiovasc Interv.* 2021;97(1):E61-E70. doi: 10.1002/ccd.29226
36. Megaly M, Glogoza M, Xenogiannis I, Vemmou E, Nikolakopoulos I, Omer M, **Saad M**, Willson L, Monyak DJ, Sullivan P, Pershad A, Chavez I, Mooney M, Traverse J, Wang Y, Garcia S, Poulouse A, Burke MN, Brilakis ES. Coronary intravascular brachytherapy for recurrent coronary drug-eluting in-stent restenosis: A systematic review and meta-analysis. *Cardiovasc Revasc Med.* 2021;23:28-35. doi: 10.1016/j.carrev.2020.08.035

37. Megaly M, Buda KG, Xenogiannis I, Vemmou E, Nikolakopoulos I, **Saad M**, Rinfret S, Abbott JD, Aronow HD, Garcia S, Pershad A, Burke MN, Brilakis ES. Systematic review and meta-analysis of short-term outcomes with drug-coated balloons vs. stenting in acute myocardial infarction. *Cardiovasc Interv Ther*. 2021;36(4):481-489. doi: 10.1007/s12928-020-00713-y.
38. Megaly M, Brilakis ES, Abdelsalam M, Pershad A, **Saad M**, Garcia S, Burke MN, Schelbert EB, Bucciarelli-Ducci C, Cavalcante JL. Impact of Chronic Total Occlusion Revascularization on Left Ventricular Function Assessed by Cardiac Magnetic Resonance. *JACC Cardiovasc Imaging*. 2021;14(5):1076-1078. doi:10.1016/j.jcmg.2020.10.012.
39. Megaly M, Pershad A, Glogoza M, Elbadawi A, Omer M, **Saad M**, Mentias A, Elgendy IY, Burke N, Capodanno D, Brilakis ES. Use of intravascular imaging in patients with ST-segment elevation acute myocardial infarction. *Cardiovasc Revasc Med*. 2021;30:59-64. doi: 10.1016/j.carrev.2020.09.032.
40. Mentias A, Girotra S, Desai MY, Horwitz PA, Rossen JD, **Saad M**, Panaich S, Kapadia S, Sarrazin MV. Incidence, Predictors, and Outcomes of Endocarditis After Transcatheter Aortic Valve Replacement in the United States. *J Am Coll Cardiol Intv* 2020;13:1973–82. doi:10.1016/j.jcin.2020.05.012.
41. Mentias A, Sarrazin MV, **Saad M**, Panaich S, Kapadia S, Horwitz PA, Girotra S. Long-Term Outcomes of Coronary Stenting With and Without Use of Intravascular Ultrasound. *JACC Cardiovasc Interv*. 2020;13(16):1880-1890. doi:10.1016/j.jcin.2020.04.052.
42. Megaly M, Buda KG, Brilakis ES, Pershad A, Louka B, **Saad M**, Abdelaziz HK, Narayanan A, Syed M, Mentias A, Omer M, Alexander J, Titus J, Garcia S. Outcomes with MANTA Device For Large-Bore Access Closure After Transcatheter Aortic Valve Replacement: A Meta-Analysis. *Structural Heart*. 2020;4:5,420-426.
43. Mentias A, Desai MY, **Saad M**, Horwitz PA, Rossen JD, Panaich S, Jneid H, Kapadia S, Vaughan-Sarrazin M. Management of Aortic Stenosis in Patients With End-Stage Renal Disease on Hemodialysis. *Circ Cardiovasc Interv*. 2020;13(8):e009252. doi: 10.1161/CIRCINTERVENTIONS.120.009252.
44. Megaly M, Sedhom R, Pershad A, Vemmou E, Nikolakopoulos I, Karacsonyi J, **Saad M**, Mentias A, Garcia S, Karmaliotis D, Egred M, Burke MN, Brilakis ES. Complications and failure modes of coronary microcatheters. *EuroIntervention*. 2021 Aug 6;17(5):e436-e438. doi: 10.4244/EIJ-D-20-00572
45. Abdelaziz HK, Abdelrahman A, Nabi A, Debski M, Mentias A, Choudhury T, Patel B, **Saad M**. Impact of COVID-19 pandemic on patients with ST-segment elevation myocardial infarction: Insights from a British cardiac center. *Am Heart J*. 2020;226:45-48. doi:10.1016/j.ahj.2020.04.022
46. Mentias A, Sarrazin MV, Desai MY, **Saad M**, Horwitz PA, Kapadia S, Girotra S. Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Bicuspid Aortic Valve Stenosis. *J Am Coll Cardiol*. 2020;75(19):2518-2519. doi:10.1016/j.jacc.2020.02.069.

47. Megaly M, Ali A, Abraham B, Khalil C, Zordok M, Shaker M, Tawadros M, Hennawy BS, Elbadawi A, Omer M, **Saad M**. Outcomes with drug-coated balloons in percutaneous coronary intervention in diabetic patients. *Cardiovasc Revasc Med*. 2020;21(1):78-85.
48. Megaly M, Abraham B, Abdelsalam M, **Saad M**, Omer M, Elbadawi A, Mentias A, Narayanan MA, Gafoor S, Brilakis ES, Goessl M, Cavalcante JL, Garcia S, Kapadia S, Pershad A, Sorajja P, Sengupta J. Short- and long-term outcomes in patients with new-onset persistent left bundle branch block after transcatheter aortic valve replacement. *Cardiovasc Revasc Med*. 2020;21(10):1299-1304.
49. Hamandi M, **Saad M**, Hasan R, Megaly M, Abbott JD, Dib C, Szerlip M, Potluri S, Lotfi A, Kiemeneij F, Al-Azizi KM. Distal versus conventional transradial artery access for coronary angiography and intervention: A meta-analysis. *Cardiovasc Revasc Med*. 2020;21(10):1209-1213.
50. Elbadawi A, Naqvi SY, **Saad M**, Elgendy IY, Mahmoud AA, Megaly Michael, Almahmoud MF, Altaweel A, Kleiman N, Abbott JD. In-hospital Outcomes with Transfemoral Versus Transapical Access for Transcatheter Aortic Valve Replacement in Patients with Peripheral Arterial Disease. *Cardiovasc Revasc Med*. 2020;21(5):604-609.
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B) OTHER PEER-REVIEWED PUBLICATIONS

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19. **Saad M**. Sodium-glucose cotransporter-2 inhibitors and cardiovascular outcomes: insights from the CVD-REAL study. *Ann Transl Med.* 2018;6(3):55. Review.
20. **Saad M**, Pothineni NVK, Thomas J, Parikh R, Kovelamudi S, Nairooz R, Frederick Feit. Coronary Artery Calcium Scoring in Young Adults: Evidence and Challenges. *Curr Cardiol Rep.* 2018;20(2):10. Review.

21. Elbadawi A, Abuzaid AS, **Saad M**. Letter to the Editor regarding “Effect of remote ischemic conditioning on infarct size in patients with anterior ST-elevation myocardial infarction. *Am Heart J*. 2017;187:e5.
22. Elbadawi A, **Saad M**, Nairooz R. Aspirin Use Prior to Coronary Artery Bypass Grafting Surgery: a Systematic Review. *Curr Cardiol Rep*. 2017 Feb;19(2):18. Review article.
23. Mahmoud AN, **Saad M**, Elgendy IY. Medicare Trends of Takotsubo Cardiomyopathy Outcomes: Is it Just the Tip of an Iceberg? *JACC Heart Fail*. 2016;4(7):606. Letter.
24. **Saad M**, Mahmoud A, Elgendy IY, Richard Conti C. Ranolazine in the management of cardiac arrhythmias. *Clin Cardiol*. 2016;39(3):170-8. Review article.

C) **BOOK AND BOOK CHAPTERS:**

1. **Saad M**, Megaly M, Romeo F, Mehta JL (2020) Gender-Related Differences in the Pathogenesis and Diagnosis of Ischemic Heart Disease. In: Ostadal B., Dhalla N.S. (eds) Sex Differences in Heart Disease. *Advances in Biochemistry in Health and Disease*, vol 21. Springer, Cham.
2. Chaudry H, **Saad M**, Abbott JD. Catheter-induced Aortic Dissection.
3. **Saad M**, Truesdell AG, Abbott JD. Coronary angiography: valve and hemodynamic assessment. Sellke: Sabiston and Spencer Surgery of the Chest, 10e. In press.

D) **ABSTRACTS**

1. Abushouk A, Ghanem E, Abdelfattah O, Farwati M, Mentias A, Saad M, Bendary A, Kapadia SR. Representation Of Cancer Patients In Cardiovascular Medicine Trials. Poster Presentation, ACC, Washington DC, USA, 2022. *J Am Coll Cardiol*. 2022, 79 (9_Supplement) 1927
2. Abdelghany M, Vyas V, **Saad M**, Elbadawi A, Shah S. Impact Of Chronic Kidney Disease On The Outcomes Of Mitraclip. Poster Presentation, ACC, Washington DC, USA, 2022. *J Am Coll Cardiol*. 2022 Mar, 79 (9_Supplement):887
3. Singal S, Parulkar SS, Parulkar AB, Tuohy C, **Saad M**. Acute St-Elevation Myocardial Infarction: A Case Of Coronary Artery Ectasia And Intracoronary Thrombolysis. Poster Presentation, ACC, Washington DC, USA, 2022. *J Am Coll Cardiol*. 2022;79(9_Supplement):2993
4. Megaly M, Sedhom R, Elbadawi A, **Saad M**, Omer M, Brilakis E, Basir M, Jaffer FA, Zaidan M, Alqarqaz M, Alaswad K. Trends and Outcomes of Utilization of Thrombectomy During Primary Percutaneous Coronary Intervention. Poster presentation, TCT, FL, USA 2021. *J Am Coll Cardiol*. 2021, 78 (19_Supplement_S) B118–B119.
5. Sedhom R, Megaly M, **Saad M**, Elbadawi A, Witzke CF, Garcia S, Latib A. Transcatheter Edge-to-Edge Repair of the Tricuspid Valve: The US Experience. Poster presentation, TCT, FL USA 2021. *J Am Coll Cardiol*. 2021 78 (19_Supplement_S) B72

6. Megaly M, **Saad M**, Tajti P, Burke MN, Chavez I, Gössl M, Lips D, Mooney M, Poulouse A, Sorajja P, Traverse J, Wang Y, Kohl LP, Bradley SM, Brilakis ES. Meta-analysis of the Impact of Successful Percutaneous Chronic Total Occlusion Revascularization on Left Ventricular Systolic Function and Size. Poster presentation, SCAI, CA USA 2018. *Catheter Cardiovasc Interv.* 91 (S2): S68
7. **Saad M**, Nairooz R, Elbadawi A, Habash F, Abbott JD, Kleiman N, Brilakis ES, Dhillon A, Lena Awar, Clavijo L, Matthews R, Shavelle D. Long-Term Outcomes with Saphenous Vein Graft versus Native Coronary Artery Intervention in Patients with Coronary Artery Bypass Grafting: Evidence From Meta-analysis and Meta-regression. Moderated poster presentation, TCT national meeting, San Diego, USA 2018. *J Am Coll Cardiol.* 2018; 72(13_S)
8. Megaly M, Ali A, Abraham B, Zordok M, Shaker M, Tawadros M, Hennawy B, Elbadawi A, Omar M, **Saad M**. Outcomes with Drug-coated Balloons versus Drug-eluting Stents in Percutaneous Coronary Intervention in Diabetic Patients. Moderated poster presentation, TCT national meeting, San Diego, USA 2018. *J Am Coll Cardiol.* 2018; 72 (13_S)
9. Elbadawi A, Elgendy IY, **Saad M**, Mahmoud K, Lenka J, Olorunfemi O, Ogunbayo G. National Trends of Percutaneous Coronary Intervention for the Elderly. Moderated poster presentation, TCT national meeting, San Diego, USA 2018. *J Am Coll Cardiol.* 2018; 72 (13_S)
10. **Saad M**, Slee A, Saksena S. Efficacy and Safety of Cryoballoon versus Radiofrequency Ablation for Atrial Fibrillation: A Meta-analysis of Randomized Clinical Trials. Poster presentation, 13th Annual Congress of the European Cardiac Arrhythmia Society in Paris, France 2017. *J Interv Card Electrophysiol.* 2017 Apr;48(Suppl 1):S45-6.
11. Slee A, **Saad M**, Saksena S. Heart failure progression and survival in atrial fibrillation patients with preserved or reduced left ventricular ejection fraction: insights from an AFFIRM substudy. Poster presentation, 13th Annual Congress of the European Cardiac Arrhythmia Society in Paris, France 2017. *J Interv Card Electrophysiol.* 2017 Apr;48(1_S):S77.
12. **Saad M**, Elgendy AY, Mentias A, Barakat AF, Abdelaziz HK, Abuzaid A, Elgendy IY, Mahmoud AN. Outcomes of Post-operative Atrial Fibrillation After Lung Transplantation: A Meta-analysis. Poster presentation, AHA conference, LA USA 2016. *Circulation.* 2016;134:A14049
13. Elbadawi A, Abuzaid A, **Saad M**. Efficacy of Intracoronary Eptifibatide during Primary Percutaneous Coronary Intervention in Early versus Late Presenters with ST-segment elevation myocardial infarction: A Pilot Trial. Poster presentation, SCAI annual meeting, FL USA 2016. *Catheter Cardiovasc Interv* 2016; 87(2_S)
14. Elbadawi A, Awad O, Raymond R, Badran H, Mostafa AE, **Saad M**. Impact of Remote Ischemic Post-Conditioning during Primary Percutaneous Coronary Intervention on Left Ventricular Remodeling after Anterior Wall ST-segment Elevation Myocardial Infarction: A Randomized Controlled Trial. Poster presentation, SCAI annual meeting, FL USA 2016. *Catheter Cardiovasc Interv* 2016; 87(2_S)

15. **Saad M**, Mentias A, Nairooz R. Bivalirudin versus Heparin in Women undergoing Percutaneous Coronary Intervention: A Meta-analysis of Randomized Clinical Trials. Poster presentation, ACC conference, LA USA 2016. *J Am Coll Cardiol*. 2016;68(18_S):B85.
16. Saksena S, **Saad M**, Slee A, Nagarakanti R. Long term rhythm control and survival improves after dual site right atrial pacing when combined with “background” antiarrhythmic therapy in patients with atrial fibrillation and heart *failure* with and without systolic left ventricular dysfunction. Poster presentation, Heart Rhythm Society conference, MA USA 2015. *Heart Rhythm* 2015;12(5):S86-S87.
17. **Saad M**, Roushdy A, Elmidany AH, Suleiman A. Iatrogenic Inferior Vena Cava Syndrome secondary to delayed partial *embolization* of an Atrial Septal Defect Occluder Device: Challenging Clinical Scenario. Poster presentation, ACC conference, IL USA 2015. *J Am Coll Cardiol*. 2015;65(10_S): A151-A152.
18. Abuzaid AS, **Saad M**, Ayan M, Smer A, Arouni A. Heavy heart with light proteins; an insight. Poster presentation in ACC conference IL USA 2015. *J Am Coll Cardiol*. 2015;65(10_S):A143-A143.
19. Mahmoud A, **Saad M**, Elgendy IY. Simultaneous Double Coronary Thrombosis In ST Elevation Myocardial Infarction. A Systematic Review of Literature. Poster presentation in ACC conference IL USA 2015. *J Am Coll Cardiol*. 2015;65(10_S):A60-A60.
20. Saksena S, Slee A, **Saad M**, Nagarakanti R. Atrial Fibrillation "Burden" identifies risk of Adverse Cardiovascular Events on Antiarrhythmic Drugs: Further insights from the AFFIRM trial. Poster presentation in ACC conference IL USA 2015. *J Am Coll Cardiol*. 2015;65(10_S):A91-A91.
21. **Saad M**, Rashed A, El-Haddad M, El-kilany W, Wadee B, Nassar A. Staged versus Multivessel Revascularization in Primary Percutaneous Coronary Intervention for Acute ST- segment Elevation Myocardial Infarction Based on Peri-procedural Success Rate: A Pilot Study. Poster presentation in CRT conference Washington DC USA 2015. *J Am Coll Cardiol Interv*. 2015;8(2_S):S13-S13.
22. **Saad M**, Rampal U, Jaydev F, Butler J. Acute Deep Venous Thrombosis unmasking underlying Wilson’s disease: A Case report. Juried poster presentation, National American College of Physicians Conference, FL, USA 2014

INVITED PRESENTATIONS

A) Extramural – International

- | | |
|------|---|
| 2022 | “Intracoronary imaging and lesion modification in CHIP case”
Egyptian Ischemia Summit: Ischemia Club by the National Heart Institute, Cairo, Egypt (Virtual) |
| 2022 | “COVID-19 and Outcomes in Patients with ST-elevation Myocardial Infarction.”
CardioEgypt 2022 Conference, Cairo, Egypt (Virtual) |

2021 “TAVR: Navigating Roadblocks.”
Complex Interventional Conference, Ain Shams University 2021, Cairo, Egypt (Virtual)

B) Extramural – National

2019 “Twist of Fate: Catheter entrapment in Brachial Artery.”
SCAI Fall Fellow Course, Las Vegas, NV

2019 “A Case of Complex PCI.”
SCAI First Fellow Course, Boston, MA

2019 “A Case of Chronic Total Occlusion.”
Cardiovascular Seminar – Complex and High-Risk Intervention
American Heart Association Conference, Philadelphia, PA

2012 “Left Atrial Dissection: A rare complication of Native Valve Endocarditis.”
Cardiovascular Imaging Conference, Washington Hospital Center, Washington DC

2011 “Left Atrial Dissection: A rare complication of Native Valve Endocarditis.”
CardioAlex International Cardiology Conference, Alexandria, Egypt

C) Intramural

2022 “Transcatheter Mitral and left atrial appendage interventions”
Advanced Practice Providers Lecture series
Warren Alpert Medical School of Brown University, Providence, RI

2022 “Mechanical Circulatory Support”
Didactics, Brown Interventional Cardiology Fellowship
Warren Alpert Medical School of Brown University, Providence, RI

2021 “High-sensitivity Troponin”
Cardiothoracic Surgery Lecture Series
Warren Alpert Medical School of Brown University, Providence, RI

2021 “Large-bore Access: Techniques and Management”
Didactics, Brown Interventional Cardiology Fellowship
Warren Alpert Medical School of Brown University, Providence, RI

2021 “Acute Coronary Syndrome”
Didactics, Brown Cardiovascular Fellowship
Warren Alpert Medical School of Brown University, Providence, RI

2020 “Hemodynamics in the Cath Lab”
Didactics, Brown Cardiovascular Fellowship
Warren Alpert Medical School of Brown University, Providence, RI

2020 “TAVR in special populations”
Research In Progress Conference, Warren Alpert Medical School of Brown University,
Providence, RI

2019 “Bicuspid Aortic Valve: A Tale of Two Leaflets.”

- Grand Rounds, Rhode Island Hospital, Warren Alpert Medical School of Brown University, Providence, RI
- 2019 “Coronary CT Angiography and 5-Year Risk of Myocardial Infarction: Lessons from the SCOT-HEART trial.”
Journal Club, University of Arkansas for Medical Sciences, Little Rock, AR
- 2019 “Impella – How to Manage?”
Monthly Clinical meeting, Baptist Health Medical Center, Little Rock, AR
- 2018 “Gender Differences in Heart Disease.”
Grand Rounds, University of Arkansas for Medical Sciences, Little Rock, AR
- 2017 “Evolocumab and Clinical Outcomes in Patients with Cardiovascular Disease”
Journal Club, University of Arkansas for Medical Sciences, Little Rock, AR
- 2015 “Isosorbide Mononitrate in Heart Failure with Preserved Ejection Fraction – Neat HF trial.”
Journal Club, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2015 “Radiofrequency Ablation vs Antiarrhythmic Drugs as First-Line Treatment of Paroxysmal Atrial Fibrillation (RAAFT-2): A Randomized Trial.”
Journal Club, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2014 “Supraventricular Tachycardia: Case presentation and review of Literature.”
Chief of Service Presentation, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2014 “Wilson’s Disease.”
Chief of Service Presentation, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2014 “Multiple Sclerosis: How to Diagnose?”
Internal Medicine Teaching Conference, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2013 “Cardiac Sarcoidosis: Clinical presentation, Diagnosis and Treatment.”
Internal Medicine Teaching Conference, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2013 “Anticoagulation in non-valvular atrial fibrillation and prosthetic valves.”
Chief of Service Presentation, Rutgers New Jersey Medical School/Trinitas Regional Medical Center, Elizabeth, NJ
- 2012 “Percutaneous Coronary Intervention in the elderly group: It is never too late.”
Interventional Cardiology Conference, Division of Cardiovascular Disease, Ain Shams University, Cairo, Egypt
- 2008 “Stem Cell Therapy in Heart Failure. Looking at the future.”
Journal Club, Division of Cardiovascular Disease, Ain Shams University, Cairo, Egypt

2007 “Anti-psychotic drugs and cardiovascular system.”
Journal Club, Division of Cardiovascular Disease, Ain Shams University, Cairo, Egypt

GRANTS

2021 **Grant:** Cardiovascular Institute at Warren Alpert Medical School of Brown University
Fellow Grant, Providence, RI USA
Title: Using Machine Learning to identify cardiovascular predictors of all-cause mortality in patients with COVID-19 infection
Total Award: \$5000. Relinquished due to limited funding.

THESIS

1. Ph.D. thesis, Clinical Research:

- Title: Culprit only PCI versus Multivessel PCI in primary intervention for patients with Acute ST-segment elevation Myocardial Infarction and Multivessel disease
- Thesis defended in May 2013, Division of Cardiovascular Disease, Ain Shams University, Cairo Egypt
- Published in *Int J Angiol.* 2017;26(3):143-147.

2. Master of Science thesis, Clinical Research:

- Title: Echocardiographic study of cardiac changes in systemic hypertension in age group 41-50 years.
- Thesis defended in January 2009, Division of Cardiovascular Disease, Ain Shams University, Cairo Egypt

UNIVERSITY TEACHING, ADVISING, and MENTORING ROLES

UNIVERSITY TEACHING ROLES

2022 Lecturer, Brown Medical School, BMS 3662, Physiology, Pathophysiology & Pharmacology, Cardiology Section
Lecture title: “Complications of Acute Myocardial Infarction”
Warren Alpert Medical School of Brown University, Providence, RI

2021-2022 Facilitator, Small Group Teaching, Brown Medical School, BIOL III 3662
Pathophysiology Physiology & Pharmacology, Cardiology Section
Warren Alpert Medical School of Brown University, Providence, RI

2018 Clinical Instructor, hands-on clinical course for fourth year medical students on diagnosis and workup of cardiovascular emergencies
University of Arkansas for Medical Sciences, Little Rock, AR

RESEARCH MENTORING AND ADVISING ROLES

2021-2022 Ahmed Elkaryouni, MD. Role included mentoring in multiple research projects and fellowship training advice. Joined Interventional Cardiology fellowship at Brown University (2023)

- 2020-2022 Fabio Lima, MD. Role included mentoring in few research projects and fellowship training advice. Joined Interventional Cardiology fellowship at Brown University (2022).
- 2015-2022 Ayman Elbadawi, MD. Role included mentoring in multiple research projects and fellowship training advice. Joined General Cardiology fellowship at University of Texas Medical Branch (2018), and Interventional Cardiology fellowship at Baylor College of Medicine (2021), and Structural Heart Disease fellowship at UT Southwestern Medical Center (2022).
- 2017-2022 Michael Megaly, MD. Role included mentoring in multiple research projects, fellowship training advice, and career advice. Joined Interventional Cardiology fellowship at University of Arizona (2020), and Advanced Complex Coronary (CHIP) fellowship at Henry Ford Health (2021).

HOSPITAL TEACHING ROLES

- 2021-present Attending Cardiologist, Division of Cardiovascular Medicine, Rhode Island and The Miriam Hospitals, Providence, RI
Role includes teaching and supervising cardiology fellows, internal medicine residents, and medical students in Coronary Care Unit, 6 weeks per year
- 2021-present Faculty mentor, Journal Club, General Cardiovascular Fellowship
Warren Alpert Medical School of Brown University, Providence, RI
- 2020-present Interventional Cardiology Faculty, Rhode Island and The Miriam Hospitals, Providence, RI
Role includes direct supervision and teaching of interventional and general cardiology fellows in the Cardiac Catheterization Laboratory
- 2020-present Faculty, “Research In Progress” conference
Warren Alpert Medical School of Brown University, Providence, RI
- 2020-present Lecturer, Didactics, Interventional Cardiovascular Fellowship
Warren Alpert Medical School of Brown University, Providence, RI
- 2020-present Lecturer, Didactics, General Cardiovascular Fellowship
Warren Alpert Medical School of Brown University, Providence, RI
- 2018-2019 Lecturer, Didactics, Internal Medicine Residency and General Cardiovascular Fellowship, topic “Principals of ECG Interpretation.”
University of Arkansas for Medical Sciences, Little Rock, AR
- 2010-2013 Lecturer, Didactics, General Cardiovascular Fellowship
Ain Shams University Medical School, Cairo, Egypt

OTHER REPORTS OF PEER EDUCATION

- 2019 Continuous Medical Education / Maintenance of Certification (CME/MOC)
“Impact of Preexisting versus New-onset Atrial Fibrillation on Outcomes After Transcatheter Aortic Valve Replacement.” *JACC Cardiovascular Interventions*

- 2019 European Society of Cardiology – Cardio Talk Podcast
“Blood pressure target in diabetics: how low is too low?” – Editorial for
“Cardiovascular outcomes and achieved blood pressure in patients with and without
diabetes at high cardiovascular risk.” *European Heart Journal*
- 2019 Continuous Medical Education / Maintenance of Certification / External Continuing
Medical Education (CME/MOC/ECME)
“Aspirin for Primary Prevention of Cardiovascular Disease: Evidence from a Meta-
Analysis of Randomized Clinical Trials.” *Journal of American College of Cardiology*
- 2017 Continuous Medical Education / Maintenance of Certification (CME/MOC)
“Long-term Outcomes with Transcatheter Aortic Valve Replacement in Women
Compared to Men: Evidence from A Meta-analysis.” *JACC Cardiovascular
Interventions*