

Date:

 Signature
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Education	DATES
Damascus University School of Medicine, Damascus, Syria MD Received.	Sep 1995-April 2003
Postgraduate Training	
Chief Administrative Interventional Cardiology Fellow- Wayne State University School of Medicine/Detroit Medical Center, Detroit, MI	July 2010- July 2011
Cardiology Fellow - Wayne State University School of Medicine/ Detroit Medical Center, Detroit, MI	July 2007 – June 2010
Internal Medicine Resident -Wayne State University School of Medicine/ Detroit Medical Center	July 2004 – June 2007
3 rd Rotation, Henry Ford Hospital (Cardiovascular Medicine)	Aug- Sep 2003
2 nd Rotation, Henry Ford Hospital (Hematology & Oncology)	July- Aug 2003
1 st Rotation, Henry Ford Hospital (Infectious Diseases)	June- July 2003
Faculty Appointments	
Clinical Professor–Wayne State University School of Medicine, Detroit, MI	June 2022 - Present
Endovenous Medical Director - Wayne State University School of Medicine	June 2017
Clinical Associate Professor–Wayne State University School of Medicine, Detroit, MI	August 2016 - May 2022
Clinical Assistant Professor–Wayne State University School of Medicine, Detroit, MI	Sep 2011- May 2016

Assistant Clinical Professor- Michigan State University College of Medicine	April 2014-Present
Hospital or Other Professional Appointments	
Staff Interventional Cardiologist – Ascension St. John	August 2019 - Present
Director of Professional Development Services - Department of Internal Medicine, Wayne State University School of Medicine	October 2017- Present
Program Director Cardiology-CCU Fellowship 1 Year Program-Detroit Medical Center (DMC)	June 2014-Oct 2018
Chief of Cardiology- Detroit Receiving Hospital	Oct 2012- Oct 2018
Director of Invasive Cardiology and Nuclear Medicine-Detroit Receiving Hospital	March 2012- Oct 2018
Staff Interventional Cardiologist- CardioVascular Institute, Detroit Medical Center	Aug 2011- Present
Medical Director of Vein Clinic- Heart & Vascular Institute, Dearborn MI	Aug 2011- Present
Medical Director of Cardiac Genetic Disorder Center- Detroit Medical Center	Aug 2011- Present
Director of Interventional Cardiac Care Unit- Detroit Receiving Hospital	July 2011- Oct 2018
Invasive Cardiology, Nuclear Cardiology, Detroit Receiving Hospital	July 2011- Present
SCAI Vascular Committee	January 2021 - Present
Medical Licensure	
State of Michigan Board of Medicine, Permanent License # 4301083919	07/24/2023
Board Certification	
American Board of Vascular Medicine: Vascular Diplomate #674	2015-2023
American Board of Vascular Medicine: Endovascular Diplomate #866	2015-2023
American Board of Venous & Lymphatic Medicine #00653	2014-2024
American Board of Internal Medicine, Interventional Cardiology #285995	2012 - 2031
Certification Board of Coronary CT Angiogram #1850	2012 - 2029
American Board of Internal Medicine, Cardiovascular Disease #285995	2011 - 2021
American Registry for Diagnostic Medical Sonography, Vascular Ultrasound #146751	2010 - 2020
National Board of Echocardiography, Adult Echocardiography #2009-19262	2009 - 2019
Certification Board of Nuclear Cardiology, Nuclear Cardiology #7193	2009 - 2019
American Board of Internal Medicine #285995	2007-2017
ACLS Provider/BLS Provider	June 2009
ECFMG Validation indefinitely #0-635-519-0	Oct 2003

<p>Honors/Awards</p> <p>Hour Top Docs Hour Detroit Magazine This award recognizes "top docs" by specialty as voted by their peers</p> <p>Endovenous Medical Director Interventional Cardiology Fellowship Program <i>Wayne State University/Detroit Medical Center</i></p> <p>Most Engaged Physician Harper University Hospital/Detroit Medical Center</p> <p>Mentor of the Year Interventional Cardiology Fellowship Program <i>Wayne State University/Detroit Medical Center</i></p> <p>Hour Top Docs Hour Detroit Magazine This award recognizes "top docs" by specialty as voted by their peers</p> <p>Excellence in Cardiology Interventional Cardiology Fellowship Program Wayne State University School of Medicine/Detroit Medical Center/Heart Hospital</p> <p>Hour Top Docs Hour Detroit Magazine This award recognizes "top docs" by specialty as voted by their peers</p> <p>Hour Top Docs Hour Detroit Magazine This award recognizes "top docs" by specialty as voted by their peers</p> <p>STEMI Award Wayne State University/Detroit Medical Center For outstanding performance with consistent quality and support of the mission of Cardio Team One and achievement of the fastest door-to-balloon time:14 minutes,</p> <p>Hour Top Docs Hour Detroit Magazine This award recognizes "top docs" by specialty as voted by their peers</p> <p>Best Fellow of the Year</p>	<p>July 2022</p> <p>June 2017</p> <p>March 2017</p> <p>June 2016</p> <p>Oct 2015</p> <p>June 2015</p> <p>Oct 2014</p> <p>Oct 2013</p> <p>June 2012</p> <p>Oct 2012</p>

Internal Medicine Department/Cardiology division; Wayne State University For excellence of patient care, medical education of residents/medical students	2008-2009
Certificate of Appreciation Health Source Clinic at Detroit Medical Center For clinical excellence and outstanding contribution to patient care	June 2007
First place – Research Poster Presentation 13th Annual Research Day, Wayne State University	April 2006
Resident of the Month Wayne State University/Detroit Medical Center For excellence in patient care, teamwork, professionalism.	Feb 2005
Highest score in the National in training Exam PGY1 Wayne State University/Detroit Medical Center	Jan 2005
Certificate of Appreciation Wayne State University/Detroit Medical Center For commitment and dedication to the Detroit Medical Center and community	Oct 2004
Intern of the Month Wayne State University/Detroit Medical Center For excellence in-patient care, teamwork, professionalism	Aug 2004
Certificate of Appreciation Damascus University Medical School	Aug 2004
Certificate of Excellence Damascus University Medical School for standing among the top ten of graduating class	Feb 2003
Service Wayne State University / School of Medicine Class of 2019, Year 1 Orientation Clinical Faculty Lunches; WSU SOM Year 3 CV/Personal Statement Workshop; WSU SOM Group Clinical Case Discussions: Cardiac Pathophysiology; WSU SOM Mock Residency Interview Night for Class of 2014; WSU SOM	July 2015 Mar 2015 Jan 2014 Sep 2013
Community 2nd annual NAAMA walk for women's cancer benefiting Barbara Ann Karmanos Cancer Center; fundraising volunteer	Jul 2005
Community screening and counseling for hypertension, hypercholesterolemia, and blood sugar at Dearborn Civic Center; volunteer	Oct 2004
“Mayor’s Health Challenge”, community screening and counseling program for	Sep 2004

hypertension, hypercholesterolemia, arthritis and depression of the lay population; volunteer	
Damascus University School of Medicine, Public and Preventive Medicine Department Program; general practitioner under the supervision of Damascus University professors	July 2000

Clinical Trial Activities

Protect IV: Impella Supported PCI in High Risk Patients with Complex Coronary Artery Disease and Reduced Left Ventricular Ejection Fraction. **Co-Investigator.** 2021

SAPPHIRE WW – Stenting and Angioplasty with Protection in Patients at High-Risk for Endarterectomy, Protocol Number P06-3603 **Sub-PI.** 2008-Present

Peer-Reviewed Publications

1. *Copeptin plus troponin in the rapid rule out of acute myocardial infarction and prognostic value on post-myocardial infarction outcomes: a systematic review and diagnostic accuracy study.* Elseidy SA, Awad AK, Mandal D, Vorla M, Elkheshen A, **Mohamad T.** Heart Vessels. 2022 Jul 6. doi: 10.1007/s00380-022-02123-x. Epub ahead of print. PMID: 35794488.
2. *Asymptomatic Severe Aortic Stenosis, Conservative Treatment or Early Valve Replacement? A Systematic Review and Meta-Analysis.* A K Awad, S Elseidy, A Elgenidy, M A Elbadawy, A Sayed, **T Mohamad.** European Journal of Preventative Cardiology, Volume 29, Issue Supplement 1. May 2022
3. *Tricuspid Valve Repair Versus A Conservative Approach in Patients With Functional Tricuspid Regurgitation Undergoing Mitral Valve Surgery. A Systematic Review And Meta-Analysis,* A K Awad, S Elseidy, M A Elbadawy, **T Mohamad.** European Journal of Preventative Cardiology.
4. *An Emergency Department Health Behavior Intervention to Improve Outpatient Follow-Up in Chest Pain Patients.* Vijaya Kumar, Heather Fritz, Shobi Mathew, Abe Lovelace, Brian Reed, Spencer May, Brian O'Neil, **Tamam Mohamad,** Phillip Levy. Journals of the American College of Cardiology. 2021.
5. *Patterns of recurrence of primary varicose veins after Endovenous Laser Full title:ablation (EVLA), a prospective cohort study.* **Tamam Mohamad,** Shriya Khurana,, Ahmed K. Awad, M. Hatem, Sheref A. Elseidy. Journal of Vascular Medicine. 2020.
6. *Deploying Mechanical Circulatory Support via the Axillary Artery in Cardiogenic Shock and High-Risk Percutaneous Coronary Intervention.* American Journal of Cardiology. Marvin Kajy, Amir Laktineh, Nimrod Blank, Raj Tayal, Syed Tanveer Rab, **Tamam Mohamad,** Mahir Elder, Theodore Schreiber, Amir Kaki. 19 May 2020.
7. *Effectiveness and safety of axillary artery access for mechanical circulatory support devices in patients with prohibitive peripheral arterial disease presenting with cardiogenic shock.* AJC-D-18-02444R2. American Journal of Cardiology. 2019
8. *Sacubitril/valsartan improves ejection fraction in heart failure with reduced ejection fraction: a retrospective study.* Clinical Trials in Degenerative Diseases. Walid Ibrahim, Ahmed S. Yassin, Ahmed Subahi, Hassan Mohamed, Ayman Khaddam, Muhammad Bajwa, Ashraf Abugroun, Amir Kaki, Mahir Elder, **Tamam Mohamad.** December 28, 2018.

9. *The Impact of Atrial Fibrillation on Transcatheter Mitral Valve Repair Outcomes: A propensity-matched analysis.* Journal of Interventional Cardiology. Ahmed Subahi, Ahmad Munir, Hossam Abubakar, Emmanuel Akintoye, Ahmed Yassin, Oluwole Adegbala, Mohamed Chadi Alraies, Mahir Elder, **Tamam Mohamad**, Amir Kaki, Theodore Schreiber. October 12, 2018.
10. *Access and Closure Management of Large Bore Femoral Arterial Access.* Journal of Interventional Cardiology. Amir Kaki, Nimrod Blank, M. Chadi Alraies, Marvin Kajy, Cindy Grines, Reema Hasan, Wah Wah Htun, James Glazier, **Tamam Mohamad**, Mahir Elder, Theodore Schreiber. October 1, 2018.
11. *Impact and outcomes of patients with congestive heart failure complicating non-ST segment elevation myocardial infarction, results from a nationally-representative United States cohort.* Cardiovascular Revascularization Medicine. Ahmed Subahi, *, Abdullah Abdullah, Ahmed S. Yassin, Hossam Abubakar, Ashraf Abugroun, George Eigbire, Amr Salama, Abdul Wahab, Ayman Abulawi, Eyas Kanaan, Amer Javed, Mahir Elder, Amir Kaki, Richard Alweis, **Tamam Mohamad**. 10 September 2018.
12. *Mechanical Circulatory Support for Acute Right Ventricular Failure in the Setting of Pulmonary Embolism* Mahir Elder, MD, Nimrod Blank, MD, Amir Kaki, MD, M Chadi Alraies, Cindy L. Grines, MD, Marvin Kajy, MD, Reema Hasan, MD, **Tamam Mohamad**, MD; Theodore Schreiber, MD. Journal of Interventional Cardiology (JOIC). 2018
13. *Mechanical Circulatory Support for High-Risk Pulmonary Embolism* Mahir Elder, Nimrod Blank, Adi Shemesh, Mohit Pahuja, Amir Kaki, **Tamam Mohamad**, Theodore Schreiber, Jay Giri. *Intervent Cardiol Clin* 7 (2018) 119–128. 2018
14. Impact of Glycoprotein IIb/IIIa Inhibitors Use on Outcomes After Lower Extremity Endovascular Interventions From Nationwide Inpatient Sample (2006–2011). Arora S, Panaich SS, Patel N, Patel NJ, Lahewala S, Thakkar B, Savani C, Jhamnani S, Singh V, Patel N, Patel S, Sonani R, Patel A, Tripathi B, Deshmukh A, Chothani A, Patel J, Bhatt P, **Mohamad T**, Remetz MS, Curtis JP, Attaran RR, Mena CI, Schreiber T, Grines C, Cleman M, Forrest JK, Badheka AO. *Catheter Cardiovasc Interv*. 2016 Oct;88(4):605–616. doi: 10.1002/ccd.26452.PMID: 26914274
15. Endovascular Interventional Cardiology: 2015 in Review. *Journal of Interventional Cardiology*; 9999:1–6. Wiley Periodicals, Inc. Derek C. White, Mahir Elder MD, **Tamam Mohamad MD**, Amir Kaki MD, Theodore Schreiber MD. 2015.
16. Utilization of Catheter-Directed Thrombolysis in Pulmonary Embolism and Outcome Difference Between Systemic Thrombolysis and Catheter-Directed Thrombolysis. *Catheterization and Cardiovascular Interventions. Wiley Periodicals*. Nish Patel, Nileshkumar Patel, Kanishk Agnithori, Sidakpal Panaich, Badal Thakkar, Achint Patel, Chirag Savani, Nilay Patel, Shiplkumar Arora, Parth Bhatt, Carlos Alfonso, Mauricio Cohen, Alfonso Tafur, Mahir Elder, **Tamam Mohamad**, Ramak Attaran, Theodore Schreiber, Cindy Grines, Apurva Badheka. July 1, 2015.
17. Transcatheter Aortic Valve Replacement (TAVR) vs. Surgical Aortic Valve Replacement (SAVR) in Patients with Cirrhosis. *AJR. June 21, 2015* Apurva Badheka. Badal Thakkar, M.D.; Aashay Patel, M.D.; Bashar Mohamad, M.D.; Nileshkumar J Patel, M.D.; Parth Bhatt, M.D.; Ronak Bhimani, M.D.; Achint Patel, M.D., M.P.H.; Shiplkumar Arora, M.D., M.P.H.; Chirag Savani, M.D.; Shantanu Solanki, M.D., M.P.H.; Rajesh Sonani, M.D.; Samir Patel, M.D., M.P.H.; Nilay Patel, M.D.; Abhishek Deshmukh, M.D.; **Tamam Mohamad, M.D.**; Cindy Grines, M.D.; Michael Cleman, M.D.; Abeel Mangi, M.D.; John Forrest, M.D.;
18. Variation in utilization of multivessel percutaneous coronary intervention: influence of hospital volume. Patel N, Pant S, Panaich SS, Patel NJ, Arora S, Gidwani U, **Mohamad T**, Schreiber T, Badheka AO, Grines C. *Coron Artery Dis*. 2015 Dec;26(8):657–64. doi: 10.1097/MCA.000000000000298.PMID: 26340544

19. Variability in Utilization of Drug Eluting Stents in United States: Insights From Nationwide Inpatient Sample. *Catheterization and Cardiac Interventions*: Wiley. Apurva Badheka, Shilpkumar Arora, MD; Sadip Pant, MD; Sidakpal Panaich, MD; Nileshkumar Patel, MD; Nilay Patel, MD; Sopan Lahewala, MD; Ankit Chothani, MD; Abhishek Deshmukh, MD; Vikas Singh, MD; Kanishk Agnihotri, MD; Badal Thakkar, MD; Ghanshyambhai Savani, MD; Peeyush Grover, MD; Parshva Patel, MD; Chirag Bambhroliya, MD; **Tamam Mohamad, MD**; Umesh Gidwani, MD; Michael Brown, MD; Cindy Grines, MD.
20. Variation and Trends of utilization Impact on in-hospital outcomes with drug-eluting stents versus bare-metal stents (from 665,804 procedures). *Am J Cardiol*. 2014 Dec 1;114(11):1629-37. doi: 10.1016/j.amjcard.2014.08.033. Epub 2014 Sep 16. Badheka AO, Arora S, Panaich SS, Patel NJ, Patel N², Chothani A, Mehta K, Deshmukh A, Singh V, Savani GT, Agnihotri K, Grover P, Lahewala S, Patel A, Bambhroliya C, Kondur A, Brown M, Elder M, Kaki A, **Mohamad T**, Grines C, Schreiber T.
21. Comparison of Inhospital Outcomes of Surgical Aortic Valve Replacement in Hospitals With and Without Availability of a Transcatheter Aortic Valve Implantation Program (from a Nationally Representative Database). Singh V, Badheka AO, Patel SV, Patel NJ, Thakkar B, Patel N, Arora S, Patel N, Patel A, Savani C, Ghatak A, Panaich SS, Jhamnani S, Deshmukh A, Chothani A, Sonani R, Patel A, Bhatt P, Dave A, Bhimani R, Mohamad T, Grines C, Cleman M, Forrest JK, Mangi A. *Am J Cardiol*. 2015 Oct 15;116(8):1229-36. doi: 10.1016/j.amjcard.2015.07.039. PMID: 26297512
22. Impact of Operator Volume on Carotid Artery Stenting: Insights from Nationwide Inpatient Sample (2006 - 2010) *The American Journal of Cardiology* 114:6 2014 Sep 15 pg 933-41. Order of Authors: Apurva O Badheka; Ankit Chothani, M.D; Sidakpal S Panaich, M.D; Kathan Mehta, M.D; Nileshkumar J Patel, M.D; Abhishek Deshmukh, M.D; Vikas Singh, M.D; Shilpkumar Arora, M.D; Nilay Patel, M.D; Peeyush Grover, M.D; Neeraj Shah, M.D; Chirag N Savani, M.D; Achint Patel, M.D; Vinaykumar Panchal, M.D; Michael Brown, M.D; Amir Kaki, M.D; Ashok Kondur, M.D; **Tamam Mohamad, M.D**; Mahir Elder, M.D; Cindy Grines , M.D; Theodore Schreiber , M.D.
23. Impact of Hospital Volume on Outcomes of Lower Extremity Endovascular Interventions (Insights from the Nationwide Inpatient Sample [2006 to 2011]). Arora S, Panaich SS, Patel N, Patel N, Lahewala S, Solanki S, Patel P, Patel A, Manvar S, Savani C, Tripathi B, Thakkar B, Jhamnani S, Singh V, Patel S, Patel J, Bhimani R, **Mohamad T**, Remetz MS, Curtis JP, Attaran RR, Grines C, Mena CI, Cleman M, Forrest J, Badheka AO. *Am J Cardiol*. 2015 Sep 1;116(5):791-800. doi: 10.1016/j.amjcard.2015.05.050. PMID: 26100585
24. Comparison of Inhospital Outcomes and Hospitalization Costs of Peripheral Angioplasty and Endovascular Stenting. Panaich SS, Arora S, Patel N, Patel NJ, Lahewala S, Solanki S, Manvar S, Savani C, Jhamnani S, Singh V, Patel SV, Thakkar B, Patel A, Deshmukh A, Chothani A, Bhatt P, Savani GT, Patel J, Mavani K, Bhimani R, Tripathi B, **Mohamad T**, Remetz MS, Curtis JP, Attaran RR, Grines C, Mena CI, Cleman M, Forrest JK, Badheka AO. *Am J Cardiol*. 2015 Aug 15;116(4):634-41. doi: 10.1016/j.amjcard.2015.05.031. PMID: 26096999
25. Impact of Symptoms, Gender, Co-morbidities and Operator Volume of Carotid Artery Stenting (From the Nationwide Inpatient Sample [2006 - 2010]). *Am J Cardiol*. 2014 Sep 15;114(6):933-41. doi: 10.1016/j.amjcard.2014.06.030. Epub 2014 Jul 3. Order of Authors: Apurva O Badheka; Ankit Chothani, M.D; Sidakpal S Panaich, M.D; Kathan Mehta, M.D; Nileshkumar J Patel, M.D; Abhishek Deshmukh, M.D; Vikas Singh, M.D; Shilpkumar Arora, M.D; Nilay Patel, M.D; Peeyush Grover, M.D; Neeraj Shah, M.D; Chirag N Savani, M.D; Achint Patel, M.D; Vinaykumar Panchal, M.D; Michael Brown, M.D; Amir Kaki, M.D; Ashok Kondur, M.D; **Tamam Mohamad, M.D**; Mahir Elder, M.D; Cindy Grines , M.D; Theodore Schreiber , M.D.
26. Variability in utilization of multivessel percutaneous coronary intervention (MVPCI): Influence of Operator Volume and Institutional Volume. Savani GT , Patel NJ, Patel N, Arora S, Grover P, Chothani A, Singh V, Singh V,

Panaich S, Deshmukh A, Pant S, Elder M, Brown M, **Mohamad T**, Kondur A, Kaki A, Badheka AO, Grines C, Schreiber TL. May 2014

27. Trends of Hospitalizations in the United States from 2000 to 2012 of Patients >60 Years With Aortic Valve Disease. Badheka AO, Singh V, Patel NJ, Arora S, Patel N, Thakkar B, Jhamnani S, Pant S, Chothani A, Macon C, Panaich SS, Patel J, Manvar S, Savani C, Bhatt P, Panchal V, Patel N, Patel A, Patel D, Lahewala S, Deshmukh A, **Mohamad T**, Mangi AA, Cleman M, Forrest JK. *Am J Cardiol*. 2015 Jul 1;116(1):132-41. doi: 10.1016/j.amjcard.2015.03.053. PMID: 25983278
28. Comparison of inhospital mortality, length of hospitalization, costs, and vascular complications of percutaneous coronary interventions guided by ultrasound versus angiography. Singh V, Badheka AO, Arora S, Panaich SS, Patel NJ, Patel N, Pant S, Thakkar B, Chothani A, Deshmukh A, Manvar S, Lahewala S, Patel J, Patel S, Jhamnani S, Bhinder J, Patel P, Savani GT, Patel A, Mohamad T, Gidwani UK, Brown M, Forrest JK, Cleman M, Schreiber T, Grines C. *Am J Cardiol*. 2015 May 15;115(10):1357-66. doi: 10.1016/j.amjcard.2015.02.037. Epub 2015 Feb 18. PMID: 25824542
29. Results of ventricular septal myectomy and hypertrophic cardiomyopathy (from Nationwide Inpatient Sample [1998-2010]). Panaich SS, Badheka AO, Chothani A, Mehta K, Patel NJ, Deshmukh A, Singh V, Savani GT, Arora S, Patel N, Bhalara V, Grover P, Shah N, Elder M, Mohamad T, Kaki A, Kondur A, Brown M, Grines C, Schreiber T. *Am J Cardiol*. 2014 Nov 1;114(9):1390-5. doi: 10.1016/j.amjcard.2014.07.075. Epub 2014 Aug 12. PMID: 25205630
30. Impact of annual operator and institutional volume on percutaneous coronary intervention outcomes: a 5-year United States experience (2005-2009). Badheka AO, Patel NJ, Grover P, Singh V, Patel N, Arora S, Chothani A, Mehta K, Deshmukh A, Savani GT, Patel A, Panaich SS, Shah N, Rathod A, Brown M, Mohamad T, Tamburrino FV, Kar S, Makkar R, O'Neill WW, De Marchena E, Schreiber T, Grines CL, Rihal CS, Cohen MG. *Circulation*. 2014 Oct 14;130(16):1392-406. doi: 10.1161/CIRCULATIONAHA.114.009281. Epub 2014 Sep 4. PMID:25189214
31. Presence of anti-viral and anti-parasitic antibodies and cardiovascular mortality: insights from NHANES III. Grover PM, Badheka AO, Shah N, Patel NJ, Mehta K, Chothani A, Singh V, Savani GT, Deshmukh A, Rathod A, Patel N, Panaich SP, Arora S, Khalpada D, Bhalara V, Parmar NG, **Mohamad T**, Cohen MG. *Int J Cardiol*. 2013 Oct 12;168(5):4826-30. doi: 10.1016/j.ijcard.2013.07.007. No abstract available. PMID: 23928344
32. Catheter Based Revascularization for Infragenicular Peripheral Arterial Disease: The Vascular Aspect of a Cardiologist. *J Am Coll Cardiol*. 2012;59(13s1):E1840-E1840. doi:10.1016/S0735-1097(12)61841-5. **Tamam Mohamad, M.D.**, E. M. Malitha S. Hettiarachchi M.D., Camelia Arsene, M.D., Ph.D, M.H.S., Anas Alani, M.D., Mahir Elder M.D., Theodore Schreiber M.D.
33. Cardiac Magnetic Resonance Imaging in Peripartum Cardiomyopathy: A New Tool to Evaluate an Old Enigma. *American Journal of Medical Sciences*. Arora NP, **Mohamad T**, Mahajan N, Danrad R, Kottam A, Li T, Afonso LC. 2013 Mar 6.
34. Racial Disparities in Left Main Stenting: Insights From a Real World Inner City Population. *American Journal of Interventional Cardiology*, Nov 2012. **Tamam Mohamad, MD**, Sidakpal S. Panaich, MD, Anas Alani, MD, Apurva Badheka, MD, Omaira Ali, MD, Maithili Shenoy, MD, Bashar Mohamad, MD, Eyas Kanaan, MD, Mahir Elder, MD, Theodore L. Schreiber, MD.
35. Outcome of Catheter Based Revascularization for Peripheral Arterial Disease: Multi Vessel vs. Single Vessel Involvement. *J Am Coll Cardiol*. 2012;59(13s1):E1840-E1840. doi:10.1016/S0735-1097(12)61841-5 Malitha Hettiarachchi, MD; Anas Alani, MD; **Tamam Mohamad, MD**; David H. Rustom; Hamza Aurakzai, MD; Adnan Kassier; Sayf Al-Tabaqchali; Camelia Arsene, MD, PhD; Mahir Elder.

36. Use of the Impella 2.5 Device With Multi-Vessel Stenting in Severe Peripheral Artery and Left Main Disease. *Cath Lab Digest*, April 2011. **Tamam Mohamad**, MD, Anas Alani, MD, Ahmad Munir, MD, Theodore Schreiber, MD, FACC.
37. Successful Implantation of Impella 2.5 Through Left Femoral Approach After Angioplasty of Aortic Stent Graft in High-Risk PCI *Cath Lab Digest*, May 2011. **Tamam Mohamad**, MD, Ahmad Munir, MD, Hamza Aurakzai, MD, Theodore Schreiber, MD.
38. Prevalence, determinants, and clinical significance of cardiac troponin-I elevation in individuals admitted for a hypertensive emergency. *J Clin Hypertens (Greenwich)*. 2011 Aug;13(8):551-6. doi: 10.1111/j.1751-7176.2011.00476.x. Epub 2011 Jun 27. Afonso L, Bandaru H, Rathod A, Badheka A, Ali Kizilbash M, Zmily H, Jacobsen G, Chattahi J, **Mohamad T**, Koneru J, Flack J, Weaver WD.
39. Effect of substance abuse on defibrillation threshold in patients with implantable cardioverter-defibrillator. Perrine SA, Nayak R, Bharadwaj AS, McKelvey G, Mohamad T, Jacob S. *Pacing Clin Electrophysiol*. 2011 Feb;34(2):193-9. doi: 10.1111/j.1540-8159.2010.02907.x. Epub 2010 Oct 14. PMID:20946279
40. Isolation of Aspergillus in critically ill patients: a potential marker of poor outcome. *Journal of Critical Care*, Volume 21, Issue 4, Pages 322 - 327. F. Khasawneh, **T. Mohamad**, M. Moughrabieh, Z. Lai, J. Ager, A. Soubani.
41. Crack Whips the Heart: A Review of the Cardiovascular Toxicity of Cocaine. *The American Journal of Cardiology*, Volume 100, Issue 6, Pages 1040 – 1043. L. Afonso, **T. Mohamad**, D. Thatai.
42. Cocaine Induced Chest Pain and Beta Blockade: An Inner City Experience. *AM J Ther*. 2008 Nov-Dec; 15(6): 531.5. **Tamam Mohamad, MD**, Ashok Kondur, MD, Peter Vaitkevicius, MD, Khaled Bachour, MD, Deepak Thatai, MD, and Luis Afonso, MD.
43. Pacemaker lead malfunctions following superior vena cava stenting. *Europace*. 2009 Jul 23. S.Jacob, **T.Mohamad**.
44. Spectrum of electrocardiographic and angiographic coronary artery disease findings in patients with cocaine-associated myocardial infarction. *Coron Artery Dis*. 2009 Aug; 20(5):332-6. **Mohamad T**, Niraj A, Farah J, Obideen M, Badheka A, Kondur A, Thatai D, Afonso L.
45. Left Ventricular “Temporary Pacemaker Wire” A variable option in Emergency Situation. Elsevier Editorial System for the *American Journal of Emergency Medicine*, Aug 2008. Farhan Ali, MD, **Tamam Mohamad, MD**, Maher Elder, MD, Sony Jacob, MD, Delair O Gardi, MD.
46. Epileptic patients who survived sudden cardiac death have increased risk of recurrent arrhythmias and death. Badheka A, Rathod A, Kizilbash MA, Lai Z, **Mohamad T**, Shah A, Afonso L, Jacob S.; *J Cardiovasc Med (Hagerstown)*. 2010 Nov; 11(11):810-4.
47. Influence of obesity on outcomes in atrial fibrillation: yet another obesity paradox. Badheka AO, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Afonso L, Jacob S. *Am J Med*. 2010 Jul;123(7):646-51. doi: 10.1016/j.amjmed.2009.11.026. PMID: 20609687
48. Large right ventricular mass causing outflow tract obstruction secondary to metastatic renal cell carcinoma. Briasoulis A, Siddiqui F, Siddiqui S, Mohamad T, Afonso L. *Acta Cardiol*. 2015 Feb;70(1):86-7. PMID: 26032938

49. Response to Letter Regarding Article "Impact of Annual Operator and Institutional Volume on Percutaneous Coronary Intervention Outcomes: A 5-Year United States Experience (2005-2009)". Badheka AO, Patel NJ, Grover P, Singh V, Patel N, Arora S, Chothani A, Mehta K, Deshmukh A, Savani GT, Patel A, Panaich SS, Shah N, Rathod A, Brown M, Mohamad T, Makkar RR, Schreiber T, Grines CL, Rihal CS, Cohen MG. *Circulation*. 2015 Aug 4;132(5):e36-7. doi: 10.1161/CIRCULATIONAHA.115.015221. No abstract available. PMID: 26240270
50. Impact of lipid-lowering therapy on outcomes in atrial fibrillation. Badheka AO, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Afonso L, Jacob S. *Am J Cardiol*. 2010 Jun 15;105(12):1768-72.
51. Incremental value of contrast echocardiography in the diagnosis of atrial myxoma. *Echocardiography*. 2010 May; 27(5):E46-9. Epub 2010 Mar 30. Hari P, **Mohamad T**, Kondur A, Jahania SM, Afonso L.
52. Low Referral Pattern for Implantable Defibrillator Therapy in a Tertiary Hospital: Referral Physician Survey and Monte Carlo Simulation. *Am J Ther*. 2010 Mar 19. Mohamad T, Jacob S, Kommuri NV, Modi S, Aravindhakshan R, Lieberman R.
53. Renal Disease and Cardiac Mortality in Survivors of Sudden Cardiac Death. *Acta Cardiol*. 2010 Jun; 65(3):323-8. Rathod A, Badheka A, Kizilbash M, Manickam P, **Mohamad T**, Bhat S, Afonso L, Jacob S.

Book Authorships, Editorships, and Chapters

1. *Mechanical Circulatory Support for High-Risk Pulmonary Embolism* Mahir Elder, Nimrod Blank, Adi Shemesh, Mohit Pahuja, Amir Kaki, Tamam Mohamad, Theodore Schreiber, Jay Giri. *Intervent Cardiol Clin* 7 (2018) 119–128. <https://doi.org/10.1016/j.iccl.2017.09.002>
2. Afonso, L., Mohamad, T., Patel, N., & Badheka, A. (2018) Drugs of Abuse and Cardiotoxicity. In: McQueen, C. A., *Comprehensive Toxicology*, Third Edition. Vol. 13, pp. 356–382. Oxford: Elsevier Ltd.
3. *Comprehensive Toxicology*, 3rd Edition Drugs of Abuse and Cardiotoxicity (#65390). Elsevier 2017. L Afonso, T Mohamad, N Patel, and A Badheka, Everett Clinic, Everett, WA, United States
4. Cardiovascular Disease and Pregnancy. eMedicine from WebMD. Updated February 10, 2012. **Mohamad TN**, Fakhri HA, Bernal JM, Thatai D, Peterson E. Available at: <http://emedicine.medscape.com/article/162004-overview>
5. Primary and Secondary Prevention of Coronary Artery Disease. eMedicine from WebMD. Updated April 30, 2012. **Mohamad TN**, Afonso LC, Ramappa P, Hari P. Available at: <http://emedicine.medscape.com/article/164214-overview>
6. Cardiotoxicity associated with drugs of abuse. In *Cardiovascular toxicology*, 2nd edition, volume 6 of the comprehensive toxicology series, Elsevier 2008. Afonso L, **Mohamad T**, Badheka A.
7. Cardiomyopathy, Diabetic Heart Disease. eMedicine from webMD. **Mohamad T**, Vaitkevicius PV, Bachour K, Ortiz Melo DI. Available at: www.emedicine.com.
8. "Coronary Arteries Diseases" Graduation thesis, Damascus University Publications, Feb 2003, volume 1, pages 61.
9. "Preventive measures in elementary schools" Public education, Damascus University Hospital July 2000, volume

1, pages 300.

Published Abstracts

1. MANAGEMENT OF SYMPTOMATIC CAROTID ARTERY STENOSIS: A META-META ANALYSIS ADDRESSING THE DISCREPANCIES BETWEEN STENTING AND ENDARTERECTOMY. Karanrajsinh Raol, Nabil K. Al-Kourainy, Aryak Singh, Zachary Elder, **Tamam N. Mohamad**. (Submitted to American College of Cardiology - October 17, 2021).
2. COPEPTIN PLUS TROPONIN IN THE RAPID RULE OUT OF ACUTE MYOCARDIAL INFARCTION AND PROGNOSTIC VALUE ON POST MI OUTCOME. Sheref Elseidy, Ahmed K. Awad, Vorla Monica, Usman A. Akbar, **Tamam Mohamad**. October 2021.
3. THE EFFICACY OF CORONARY INTRAVASCULAR LITHOTRIPSY FOR CALCIFIED CORONARY ARTERIES, SYSTEMATIC REVIEW AND META-ANALYSIS OF 777 PATIENTS. Ahmed K. Awad, Sheref Elseidy, Merihan A. Elbadawy, **Tamam N. Mohamad**. October 2021.
4. Predictors of In-House Ischeic Stroke during Acute Myocardial Infarction Hospitalizations. Arpita Hazra, MD, Mihir Dave, MD, Harshil Shah, MD, Zeeshan Mansuri, MD, Tushar Mishra, MD, Achint Patel, MD, Sonal Mehta, MD, Abhishek Mishra, MD and **Tamam Mohamad, MD**. March 2016
5. Impact of operator volume on cost of hospitalization after multivessel PCI in the US from 2006 to 2009. Patel N, Patel NJ, Arora S, Chothani A, Savani GT, Singh V, Bhalara V, Panaich S, Deshmukh A, Kaki A, Elder M, Brown M, **Mohamad T**, Kondur A, Badheka AO, Grines C, Schreiber TL. May 2014
6. Impact of operator volume on length of stay after multivessel PCI in the US: A contemporary experience from 2006 to 2009. Patel NJ, Patel N, Arora S, Chothani A, Bhalara V, Savani GT, Grover P, Panaich S, Deshmukh A, Elder M, Brown M, **Mohamad T**, Kondur A, Kaki A, Badheka AO, Grines C, Schreiber TL. May 2014
7. Impact of operator volume on in-hospital mortality after multivessel PCI in the US from 2006 - 2009. Agnihotri K, Patel NJ, Patel N, Arora S, Savani GT, Chothani A, Grover P, Singh V, Shah N, Bhalara V, Pant S, Panaich S, Kondur A, Elder M, **Mohamad T**, Kaki A, Badheka AO, Grines C, Schreiber TL. May 2014
8. Variability in Drug Eluting Stent use: Influence of Operator Volume and Institutional Volume. Arora S, Patel NJ, Patel N, Chothani A, Grover P, Panaich S, Singh V, Deshmukh A, Brown M, Elder M, **Mohamad T**, Kondur A, Kaki A, Badheka AO, Grines C, Schreiber TL. May 2014
9. Variability in utilization of drug eluting stents in United States: Insights from nationwide inpatient sample. Panaich SS, Badheka AO, Arora S, Patel NJ, Thakkar B, Patel N, Singh V, Chothani A, Deshmukh A, Agnihotri K, Jhamnani S, Lahewala S, Manvar S, Panchal V, Patel A, Patel N, Bhatt P, Savani C, Patel J, Savani GT, Solanki S, Patel S, Kaki A, **Mohamad T**, Elder M, Kondur A, Cleman M, Forrest JK, Schreiber T, Grines C. Catheter Cardiovasc Interv. 2016 Jan 1;87(1):23-33. doi: 10.1002/ccd.25977.PMID: 26032938
10. Length of stay and cost of hospitalization of drug eluting stents vs bare metal stent in the US between 2006 and 2011. Panaich S, Arora S, Patel N, Patel NJ, Chothani A, Grover P, Deshmukh A, Singh V, Won S, Atallah A, Brown M, **Mohamad T**, Elder M, Kondur A, Kaki A, Badheka AO, Grines C, Schreiber TL. May 2014
11. "Effect of Operator Volume on Mortality and Complications of Carotid Artery Stenting: United States Perspective of Last 5 years." Ankit Chothani, Nileshkumar J Patel, Kathan Mehta, Neeraj Shah, Ghanshyambhai T Savani, Shilpkumar Arora, Peeyush Grover, Aruna Tokas, Vikas Singh, Abhishek Deshmukh, Ankit Rathod, Tushar Tuliani, Rajeev Sudhakar, Apurva O. Badheka, **Tamam Mohamad**, Mahir Elder, Ashok Kondur, Theodore L Schreiber.

American Heart Association, Scientific session 2013. June 2013

12. "Influence Of Operator Volume On Length Of Stay After Percutaneous Carotid Artery Stenting: A 5 Year United States Perspective Of 67,344 Procedures." Neeraj Shah, Kathan Mehta, Nileshkumar J Patel, Ankit Chothani, Ghanshyambhai T Savani, Shilpkumar Arora, Vikas Singh, Peeyush Grover, Abhishek Deshmukh, Ankit Rathod, Dhaval Khalpada, Vipulkumar Bhalara, Rajeev Sudhakar, Sidakpal S Panaich, Tushar Tuliani, Apurva O Badheka, **Tamam Mohamad**, Mahir Elder, Ashok Kondur, Theodore L Schreiber. American Heart Association, Scientific session 2013. June 2013
13. American College of Physicians' Conference: Ekosonic endovascular system (EKOS), a minimally invasive technique used in treatment of thrombosis of the lower limb arteries, Traverse City, MI. Anas Alani, David Fung, **Tamam Mohamad**, Wayne State University – Detroit Medical Center. October 2012
14. Outcome of Catheter Based Revascularization for Peripheral Arterial Disease: Multi Vessel vs. Single Vessel Involvement. March 2012. E M Malitha S Hettiarachchi, MD; Anas Alani, MD; **Tamam Mohamad**, MD; David H. Rustom; Hamza Aurakzai, MD; Adnan Kassier; Sayf Al-Tabaqchali; Camelia Arsene, MD, PhD; Mahir Elder, MD,FACC,
15. Influence of obesity on outcomes in atrial fibrillation: yet another obesity paradox. *Am J Med.* 2010 Jul; 123(7):646-51. Badheka AO, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Afonso L, Jacob S.
16. Effect of Substance Abuse on Defibrillation Threshold in Patients with Implantable Cardioverter-Defibrillator. *Pacing Clin Electrophysiol.* 2010 Oct 14. doi: 10.1111/j.1540-8159.2010.02907. Perrine SA, Nayak R, Bharadwaj AS, McKelvey G, **Mohamad T**, Jacob S.
17. Coronary revascularization strategy for ST elevation myocardial infarction with multivessel disease: experience and results at 1-year follow-up. Mohamad T, Bernal JM, Kondur A, Hari P, Nelson K, Niraj A, Badheka A, Hassna S, Kiernan T, Elder MD, Gardi D, Schreiber T. *Am J Ther.* 2011 Mar-Apr;18(2):92-100. doi: 10.1097/MJT.0b013e3181b809ee. PMID: 20027110
18. Unusual case of aortic root abscess: Case report and review of literature. Apr 2008. **Tamam Mohamad**, MD, Ashok Kondur, MD, Luis Afonso, MD,
19. High grade AV block secondary to sleep apnea. Presented in the ACP national meeting 2007. Jan 2008. **Tamam Mohamad**, MD, Katarina Nelson, MD, Luis Afonso, MD.
20. Unusual case of aortic root abscess: Case report and review of literature. Apr 2008. **Tamam Mohamad**, MD, Ashok Kondur,MD, Luis Afonso,MD.
21. Comparison of two-Dimensional versus three-Dimensional Echocardiography Techniques to measure Left arterial volume: correlation with left ventricular filling pressure. *Journal of American Society of Echocardiography* vol 20(5): 567, May 2007. Hanson I D, **Mohamad T**, Venkalaya H, Afonso L.
22. High grade AV block secondary to sleep apnea. Presented in the ACP national meeting 2007. **Tamam Mohamad**, **MD**, Katarina Nelson,MD, Luis Afonso, MD.
23. Hemophagocytic Syndrome: A case report review of literature. Poster presentation at 2005 ACP-ASIM Michigan Chapter, Annual Meeting at Traverse City, Michigan. Also poster Presentation at 2005 ACP-ASIM Local Annual Meeting at Troy, MI. Also poster presentation at The Twelfth Annual Resident -Fellow Research Day. **Tamam Mohamad**, MD, Deepak Koul, MD, Natasha Ghazi, MD, Carter Bishop, MD, F.A.C.P .

24. A-Valve with Unruptured sinus Of Valsava Aneurysm. Poster presentation at the Twelfth Annual Resident-Fellow Research Day, Apr 2005, and poster presentation at the 2005 ACP-ASIM Local Annual Meeting at Troy, MI. May 2005. **Tamam Mohamad**, MD, Mahir Elder, MD, Sridevi Pitta, MD, Luis Afonso, MD. Quadricuspid
25. Nonsecretory multiple myeloma: Unusual cause of hypercalcemia. Oral Presentation at the Twelfth Annual Resident-Fellow Research Day, Apr, 2005, and poster presentation at the 2005 ACP-ASIM Local Annual Meeting at Troy, MI. May 2005. **Tamam Mohamad**, MD, Jaiwant Rangji, MD, Cristina B. Guzman, MD, F.A.C.E.
26. Bacillary Angiomatosis: Case Report and review of literature. Poster Presentation at the Twelfth Annual Resident-Fellow Research Day, Apr, 2005, and poster presentation at the 2005 ACP-ASIM Local Annual Meeting at Troy, MI. May 2005. **Tamam Mohamad**, MD, Anupama Kottam, MD, Clifford Kaye, MD .
27. Quadricuspid Aortic Valve with Unruptured sinus Of Valsalva Aneurysm. Poster presentation at The First Annual Meeting of Heart Valve Society of American, at Cornell University, NY. Apr 2005. **Tamam Mohamad, MD**, Mahir Elder, MD, Sridevi Pitta, MD, Luis Afonso, MD.

Non-peer-reviewed publications CLD--417TH CONGRESS

Use of the Impella 2.5 Device With Multi-Vessel Stenting in Severe Peripheral Artery and Left Main Disease. Volume 19 - Issue 4 - April 2011. **Tamam Mohamad, M.D.**, E. M. Malitha S. Hettiarachchi M.D., Camelia Arsene, M.D., Ph.D, M.H.S., Anas Alani, M.D., Mahir Elder M.D., Theodore Schreiber M.D.

Invited Lectures/Presentations

1. Detroit Medical Center / Wayne State University. Lecture to Interventional Cardiology Fellows. *"Antiplatelet and Anticoagulation in the Cath Lab...everything you need to know"* December 6, 2021
2. Detroit Medical Center / Wayne State University. Lecture to Interventional Cardiology Fellows. *"STEMI Guidelines & Board Review"* November 19, 2021
3. Detroit Medical Center / Wayne State University. Lecture to Interventional Cardiology Fellows. *"Interventional Treatment of Unstable Angina and Non-Stemi"* October 29, 2021
4. Chicago EndoVascular Conference (CVC). "What is the Best Algorithm for Treating Acute DVT?" July 2019.
5. SCAI 2019. "Drug Coated Balloons for Treatment of SFA." Las Vegas, NV May 2019
6. C3 Complex Cardiovascular Catheter Therapeutics. "Patient Selection and Basics of Technique for Endovascular Therapy for PE" Presenter. Orlando, FL. June 2016
7. A New Procedure in the Cath Lab: Protected PCI. Faculty Presenter. DMC Heart Hospital. Detroit, MI. September 11, 2015
8. Chicago EndoVascular Conference (CVC). "Dealing with Disasters and Complications" Co-Presenter & Panelist. Chicago, IL. July 2015
9. C3 Complex Cardiovascular Catheter Therapeutics. "Hemodynamics Symposium" Moderator. Orlando, FL. June 2015
10. American College of Cardiology's 64th Annual Meeting/ TCT@ACC-i2 2015 "Acute DVT Intervention" Presenter.

San Diego, CA. March 2015

11. American College of Cardiology's 64th Annual Meeting/ TCT@ACC-i2 2015 Physician's Executive Committee-Co Chair: Venous Group: developing program content for venous sessions. San Diego, CA. March 2015
12. Chicago EndoVascular Conference (CVC). "*Limb Salvage/Pedal Intervention*" Panelist. Chicago, IL. July 2014
13. Chicago EndoVascular Conference (CVC). "*Complications & Disasters: Case Based Presentation with Panel Discussion.*" Speaker. Chicago, IL. July 2014
14. Wayne State University-School of Medicine: Class of 2018, Year 1 Orientation Clinical Faculty Lunches. Mazurek Education Commons Building. Detroit, Michigan. July 2014
15. C3 Complex Cardiovascular Catheter Therapeutics. "Treatment Modalities in Femoropopliteal Disease:" Panelist. Orlando, FL. June 2014
16. C3 Complex Cardiovascular Catheter Therapeutics. "*CLI and Wounds: Basic to Advanced*" Panelist. Orlando, FL. June 2014
17. CV and Personal Statement Workshop for Third Year Medical Students, Wayne State University School of Medicine, Detroit MI. May 2014
18. Wayne State University School of Medicine-3rd Annual Urban Cardiology Conference. "*Venous Ablation/IVC Filtering*" Detroit, Michigan. Apr 2013
19. Cardiovascular Pathophysiology Small Group Discussions for Second Year Medical Students, Wayne State University School of Medicine, Detroit MI. Jan 2013
20. Hemophagocytic Syndrome: A case report review of literature. Poster presentation at 2005 ACP-ASIM Michigan Chapter, Annual Meeting at Traverse City, Michigan. Also poster Presentation at 2005 ACP-ASIM Local Annual Meeting at Troy, MI. Also poster presentation at The Twelfth Annual Resident -Fellow Research Day. Sept 2005
21. Quadricuspid A-Valve with Unruptured sinus Of Valsava Aneurysm. Poster presentation at the Twelfth Annual Resident-Fellow Research Day, Apr 2005, and poster presentation at the 2005 ACP-ASIM Local Annual Meeting at Troy, MI. May 2005
22. Nonsecretory multiple myeloma: Unusual cause of hypercalcemia. Oral Presentation at the Twelfth Annual Resident-Fellow Research Day, Apr, 2005, and poster presentation at the 2005 ACP-ASIM Local Annual Meeting at Troy, MI. May 2005
23. Bacillary Angiomatosis: Case Report and review of literature. May 2005
24. Quadricuspid Aortic Valve Unruptured sinus Of Valsalva Aneurysm. Poster presentation at The First Annual Meeting of Heart Valve Society of American, at Cornell University, NY. Apr 2005

Research

1. A New Emergency Department Chest Pain Protocol: an Evaluation of Implementation and Effectiveness. Philip Levey, MD; **Tamam Mohamad, MD**; Andrew Kulek.

2. Clinical Evaluation of BVS Everolimus Eluting Bioresorbable Vascular Scaffold in the Treatment of Subjects with de novo Native Coronary Artery Lesions. ABSORB III Trial. Schreiber T, **Mohamad T.** Feb 2014
3. Prevalence, Clinical Determinants and Significance of Cardiac Troponin Release in Patients with Hypertensive Emergency. Bandaru H, Badheka A, Kizilbash MA, **Mohamad T**, Rathod A, Zmily H, Chattahi J, Jacobsen G, Weaver D, Afonso L -
4. The role of cardiac MRI in peripartium ardiomyopathy, reseach in progress, (wayne state university and national institute of health, perinatology research branch). **Mohamad T**, kondur A, Badheka A, Hari p, Rathod a , Jacob S, Mittal P, Afonso L.
5. Criteria of right ventricular hypertrophy and pulmonary hypertension on myocardial perfusion imaging-Correlation with intra-cardiac homodynamic pressure. **T.Mohamad**, MD, S.Modi,MD, F.Prigent, MD, D.Thatai, MD.
6. Developing Criteria For Left Ventricular Hypertrophy By SPECT Imaging. Modi, MD, **T.Mohamad**, MD, L.Afonso,MD, F.Prigent,MD.
7. Breathing Instability and Upper Airway Obstruction during sleep. A.salloum, MD, **T.Mohamad**, MD, S.Badr, MD.
8. Differences in Chemoreflex response between OSA patients and normal people. J.H.Matieka ,**T.Mohamad**, MD.
9. Study of elementary school (Saadallah Wanoos School) in an underserved area which include: Complete physical examination of every student, monitoring growth measures, screening of malnutrition, and screening safety measures in that school. **T.Mohamad**, MD, A.D.Dashash,PH.D,MD
10. Health Hazard Evaluation program for Occupational and Safety Health in SYRIA. This program responds to request from work places to determine the toxic effects of workplace exposure. **T.Mohamad**, MD, A.D.Dashash,PH.D,MD.
11. Epidemiological study to evaluate the level of awareness to family plan methods. Study based on regular visits to our health care facilities (mother& child care center, Tuberculosis eradication center and family planning center).
12. **T.Mohamad**, MD, A.D.Dashash,PH.D,MD.
13. Erraneus Blood culture and cost to the system. **T.Mohamad**, MD, A.Deol,MD, T.Dehche,MD, G.Atwal,MD,

Poster Presentations

1. Gender-Related Difference in The Use Of Percutaneous Left Ventricular Assist Device in Patients Undergoing Complex High-Risk PCI: Insight from the CVAD Registry. Euro PCR 2018. Amir Kaki, Chadi Alraies, Nimrod Blank, Reema Hasan, Wah Wah Htun, Marvin Kajy, Ahmed Subahi, **Tamam Mohamad**, Mahir Elder, Cindy Grines, Theodore Schreiber.
2. Antihypertensive therapy reduces the risk of multi-vessel involvement in peripheral arterial disease regardless the type of medication Anas Alani , Malitha Hettiarachchi, **Tamam Mohamad** , Sandip K Zalawadiya , Hamza Aurakzai , Adnan Kassier, David H. Rustom , Sayf Al-Tabaqchali , Samer Kanno , Mahir Elder. AMA-RFS Research Symposium, 2011

3. Alcohol and Peripartum Cardiomyopathy: The Sober Reality. Anas Alani , Maithili Shenoy , **Tamam Mohamad** , Tushar Tuliani , Omaima Ali, Wassim Ballany, Ali Mehmood Raufi, Ali Hussani, Jalal Ghali. ACP Michigan Chapter, February 2012
4. Hyperlipidemia Doubles the Risk of Multivessel Involvement in Peripheral Arterial Disease Despite Being on Statins. Anas Alani , Malitha Hettiarachchi , **Tamam Mohamad**, Sandip K Zalawadiya , Mohamed Shamiya , Mhd Firas Alnahhas, Elina Salem , Mahir Elder. 17th World Congress on Heart Disease, Toronto, CA, July 2012
5. The Outcome of Different Endovascular Revascularization Methods Used to Treat Critical Peripheral Arterial Disease. E M Malitha S Hettiarachchi, MD; Anas Alani, MD; **Tamam Mohamad, MD**; Camelia Arsene, MD, PhD; David H. Rustom; Hamza Aurakzai, MD; Adnan Kassier, Mahir Elder, MD, FACC. 17th World Congress on Heart Disease, Toronto, CA, July 2012
6. Survivors of sudden unexplained death in epilepsy are at significantly greater risk of recurrent arrhythmias and death. Poster presentation at the Heart Rhythm Scientific Sessions 2009 Boston. Heart Rhythm 2009; 6 (5) S430 .
7. Traditional Electrocardiographic Predictors Fail to Predict Recurrence of Life Threatening Ventricular Tachyarrhythmias in Survivors of Sudden Cardiac Death. Poster presentation at the Heart Rhythm Scientific Sessions 2009 Boston. Heart Rhythm 2009; 6 (5) S222. Badheka A, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Bhat S, Afonso L, Jacob S.
8. Left Atrial Diameter is a predictor of mortality in patients with Atrial Fibrillation and preserved ejection fraction. Poster presentation at American Society of Echocardiography Scientific Sessions 2009 Washington DC. Badheka A, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Jacob S, Afonso L.
9. Does modality of measurement of ejection fraction matter in survivors of myocardial infarction with preserved or slightly depressed ejection fraction in the modern era? Oral and Poster presentation at American Society of Echocardiography Scientific Sessions 2009 Washington DC. Badheka A, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Jacob S, Afonso L.
10. An Obesity Paradox in outcomes of atrial fibrillation? Poster presentation at the Heart Rhythm Scientific Sessions 2009 Boston. Heart Rhythm 2009; 6 (5) S282. Badheka A, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Mathew A, Afonso L, Jacob S.
11. Mortality and ischemic stroke in patients with atrial fibrillation and heart failure with preserved ejection fraction. Poster presentation at the Heart Rhythm Scientific Sessions 2009 Boston. Heart Rhythm 2009; 6 (5) S219. Rathod A, Badheka A, Kizilbash MA, Garg N, **Mohamad T**, Mathew A, Afonso L, Jacob S.
12. Stroke Risk And CHADS2 Score For Risk Stratification In Patients With Atrial Fibrillation And Heart Failure With Preserved Ejection Fraction. Poster presentation at Arteriosclerosis, Thrombosis and Vascular Biology Scientific Sessions 2009 Washington DC. Badheka A, Bhat S, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Lai Z, Afonso L, Jacob S.
13. Early and consistent lipid lowering therapy is associated with decreased mortality in atrial fibrillation. Poster presentation at Heart Rhythm Scientific Sessions 2009 Boston. Heart Rhythm 2009; 6 (5) S158. Badheka A, Rathod A, Kizilbash MA, Garg N, **Mohamad T**, Mathew A, Afonso L, Jacob S.
14. Strategies and one year outcomes of “Non Culprit lesions” in patients presenting with acute MI, a single center experience. Poster presentation at Cardiovascular Research Technologies Fifteen Focused Cardiovascular meeting in 5 years of interest. March 4–6, 2009, Washington, DC. **T Mohamad**, MD, J. Bernal, MD, Nelson, MD, N.A

Shutosh, MD, A.Bedheka, MD, S.Hassna, MD, T.Kiernan, MD, T. Schreiber, MD. Management

15. Evaluation of N-Acetyl Cysteine use for the prevention of radiocontrast-induced nephropathy in patients undergoing cardiac catheterization at Detroit Receiving Hospital poster presentation at 43rd American Society of Health-System Pharmacist Midyear Clinical Meeting and Exhibition, Orlando, Florida, Dec 2008. Tracy chen, Pham D, Alison M.J ennett, Pham D, **T Mohamad**, MD, Linda Browning, Pham D.
16. Stent and ICD Referral Patterns Following Catheterization in Patients with Low LVEF: Low Compliance with ICD Clinical Practice Guidelines. Oral presentation for the 2005. HRS Scientific Sessions and a full manuscript is in progress. **T. Mohamad**, MD, S. Modi, MD, M.Obideen, MD, P.Turek, MD, R.Liberman, MD.
17. Cocaine-Related Chest Pain-Utility of TIMI Risk Stratification and Effects of Beta Blockers On Outcome. Poster presentation for the 2005 ACC Scientific Sessions, Atlanta, Georgia. **T.Mohamad**, MD, L. Afonso,MD.
18. Lumbar Puncture in Critically Ill Patients: How likely is it to change management?. poster research presentation at the Society Of Critical Medicine Congress Jan 2006 in San Fransisco. F. Khasawneh MD, **T. Mohamad** MD, M.k. Moughrabieh MD, A. Soubani, MD.
19. Isolation of Aspergillus in Critically Ill Patients: A Potential Marker of Poor Outcome. poster research presentation at the ATS 2005. San Diego International Conference. F. Khasawneh MD, **T. Mohamad** MD, M.k. Moughrabieh MD, Z. Lai, MPH, J. Ager, PHD, A. Soubani, MD.